AMERICAN GARMENT CUTTER

FURS

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The

American Fur Garment Cutter

A Complete, Practical, Up-to-date Treatise
on the Cutting of

Fur Garments of All Kinds

According to the Latest and Most Approved Method

Published by
AMERICAN FASHION COMPANY
New York, London, Paris, Berlin

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INTRODUCTION

WHEN William Paul Ahnelt first issued his *American Album of Fur Novelties* in 1893, showing novelties and changes in Fur garments, a cry went up from the few furriers then in business of "Are you going to make dressmakers of us?" Opposition in some quarters was developed, but Ahnelt, the father of fur fashions, undismayed, went serenely on his way. He saw the need of the fur trade was that some one should take the lead in designing fur garments that could be recognized as up-to-date. Prior to that time a fur sacque was a "sack" indeed, to be passed along for several generations till thoroughly worn out. But with the advent of fur fashions all this was changed. "Miladi's" furs must be up-to-date in style, fit and finish. This caused an immense increase in the demand for competent furriers, new shops were opened, and altogether what was virtually a new industry was created, till today the up-to-date furrier is as necessary to the fashionable woman as either dressmaker or tailor.

Speaking of a well-dressed woman, Rene Bach said: "Good clothes are an expression of morality." As applied to the human race it is not without reason that a well-dressed person is treated with greater respect, even by strangers, on account of her attire, which should be, so to speak, the outward and visible sign of an inward and spiritual grace. The pleasure of being perfectly gowned has been said to surpass the satisfaction derivable from the consolations of religion and scarce anybody will deny that a more substantial joy is to be obtained from a sum of money invested in a handsome and becoming fur garment than from an equal amount of value in any other form whatsoever.

This being the case, what a field for the artist furrier who can produce a

garment which will fit ; whose lines will be perfectly graceful. No matter how expensive the skins, the hand of the maker is the all-important factor in producing the garment which will satisfy the patron.

There is no limit to the field or reward open to the perfect artiste; one who will produce the proper effect every time.

So it is to every furrier's interest to obtain the very best instruction possible.

Of the making of books, especially instruction books, there seems to be no end, at prices ranging from a bagatelle for a burlesque, to the price charged for a TRULY PRACTICAL SUCCESSFUL METHOD. A man may be a first-class furrier himself yet be unable to impart his knowledge to others. Some treatises take the theoretical part of fur garment making and exhaust their field thoroughly, yet, after digesting their instruction, the pupil finds he has mastered what—THEORY ONLY.

The present volume, which is the most thorough and complete ever published, is the result of a lifetime of practice.

Nor is it simply PRACTICE ONLY but it is a PRACTICAL EXPOSITION OF THEORY AND PRACTICE put on paper in such a way that it can be understood even by those of limited education. It contains everything pertaining to the cutting and making up of fur garments for all sizes and shapes, with illustrations fully explaining the workings of the system which is simplicity itself and absolutely free from complex theories. The drafts and diagrams are of the most satisfactory, practical and concise kind, the lines being correct in every detail. The AMERICAN FUR GARMENT CUTTER is offered to the fraternity of furriers with the fullest belief that it is perfect in all of its many details by

The Author,

GUSTAV ENGELMANN.

DEDICATION

TO the Furriers throughout the world, whose aim is to produce perfect fitting Fur Garments of the latest fashion for clothing the human form divine.

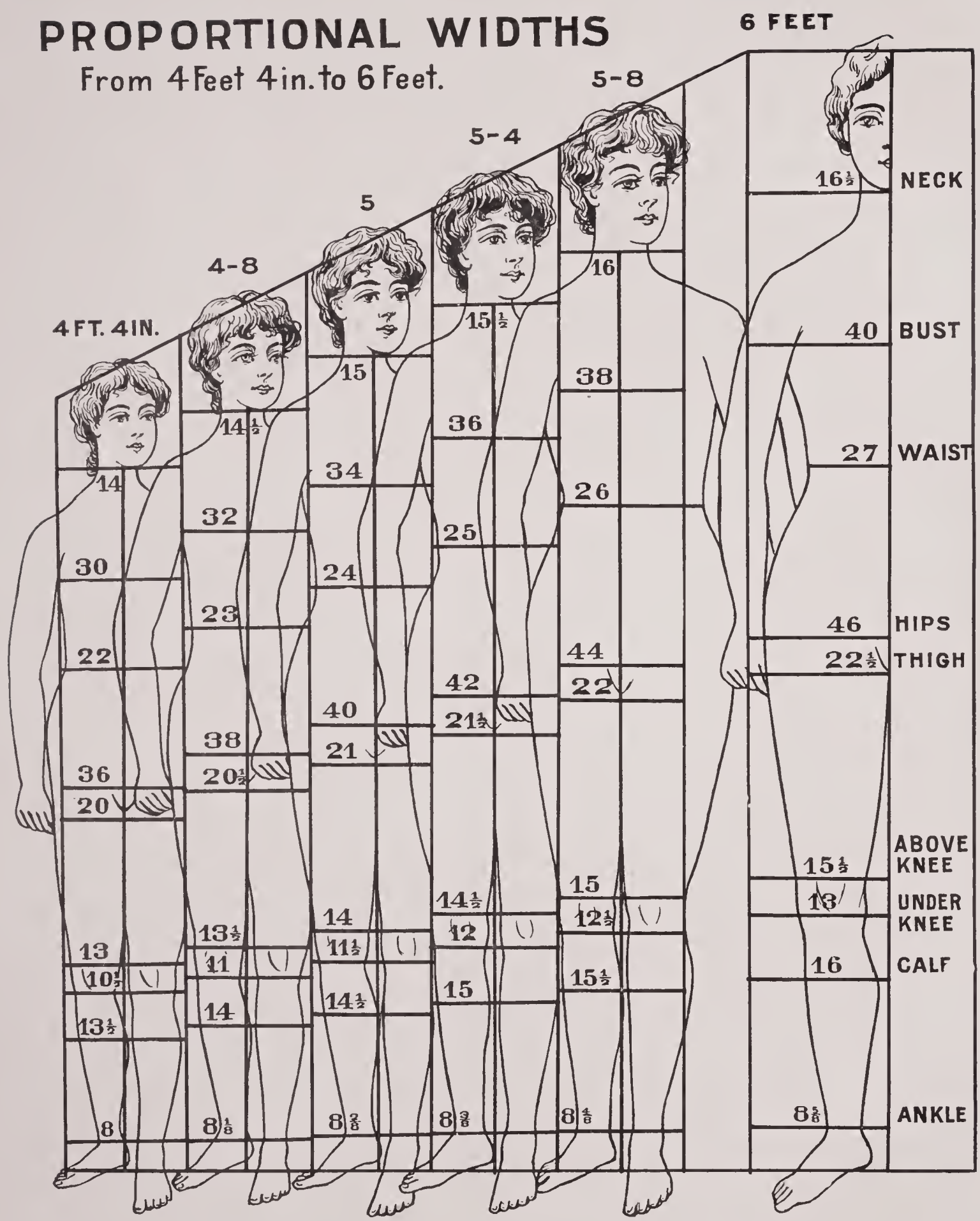
THE AUTHOR.

Measurements

PROPORTIONAL MEASUREMENTS FOR WOMEN

SIZES	32	34	36	38	40	42	44	46	48	50
BUST	32	34	36	38	40	42	44	46	48	50
WAIST	23	$23\frac{1}{2}$	$24\frac{1}{2}$	26	$27\frac{1}{2}$	29	31	$33\frac{1}{2}$	36	38
HIP	38	40	42	44	46	48	50	52	55	58
NECK	$13\frac{3}{4}$	$14\frac{1}{4}$	$14\frac{3}{4}$	$15\frac{1}{4}$	$15\frac{3}{4}$	$16\frac{1}{2}$	17	$17\frac{3}{4}$	$18\frac{1}{2}$	19
ACROSS CHEST	$13\frac{1}{2}$	14	$14\frac{1}{2}$	15	$15\frac{1}{2}$	16	$16\frac{1}{2}$	17	$17\frac{1}{2}$	18
LENGTH OF WAIST FRONT	17	$17\frac{1}{2}$	18	18	18	$17\frac{1}{2}$	$17\frac{1}{2}$	17	$16\frac{3}{4}$	$16\frac{1}{2}$
INSIDE SLEEVE	$17\frac{1}{2}$	$17\frac{3}{4}$	18	$18\frac{1}{4}$	$18\frac{1}{4}$	$18\frac{1}{2}$	$18\frac{1}{2}$	$18\frac{1}{2}$	$18\frac{3}{4}$	$18\frac{3}{4}$
1-2 SHOULDERHEIGHT FRONT	$8\frac{3}{4}$–$6\frac{3}{4}$	9–7	$9\frac{1}{4}$–$7\frac{1}{4}$	$9\frac{1}{2}$–$7\frac{1}{2}$	$9\frac{3}{4}$–$7\frac{3}{4}$	10–8	$10\frac{1}{4}$–$8\frac{1}{4}$	$10\frac{1}{2}$–$8\frac{1}{2}$	$10\frac{3}{4}$–$8\frac{3}{4}$	11–9
1-2 SHOULDERHEIGHT BACK	8–$5\frac{3}{4}$	$8\frac{1}{8}$–$5\frac{7}{8}$	$8\frac{1}{4}$–6	$8\frac{3}{8}$–$6\frac{1}{8}$	$8\frac{1}{2}$–$6\frac{1}{4}$	$8\frac{5}{8}$–$6\frac{3}{8}$	$8\frac{3}{4}$–$6\frac{1}{2}$	$8\frac{7}{8}$–$6\frac{5}{8}$	9–$6\frac{3}{4}$	$9\frac{1}{8}$–$6\frac{3}{4}$
NECK HEIGHT AND TO WAIST	$6\frac{3}{4}$–15	7–$15\frac{1}{4}$	$7\frac{1}{4}$–$15\frac{1}{2}$	$7\frac{1}{4}$–$15\frac{3}{4}$	$7\frac{3}{8}$–16	$7\frac{1}{2}$–$16\frac{1}{8}$	$7\frac{1}{2}$–$16\frac{1}{4}$	$7\frac{5}{8}$–$16\frac{3}{8}$	$7\frac{5}{8}$–$16\frac{1}{2}$	$7\frac{3}{4}$ $16\frac{5}{8}$
ACROSS BACK	13	$13\frac{1}{2}$	14	$14\frac{1}{2}$	15	$15\frac{1}{2}$	16	$16\frac{1}{2}$	17	$17\frac{1}{2}$
UNDER ARM	$8\frac{3}{4}$	9	9	9	9	$8\frac{3}{4}$	$8\frac{3}{4}$	$8\frac{3}{4}$	$8\frac{5}{8}$	$8\frac{5}{8}$
CUFF	$8\frac{1}{4}$	$8\frac{1}{2}$	9	$9\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{1}{2}$	$9\frac{3}{4}$	10	$10\frac{1}{4}$	$10\frac{1}{2}$

DIAGRAM 1.


PROPORTIONAL WIDTHS
From 4 Feet 4 in. to 6 Feet.
4 FT. 4 IN.
4-8
5
5-4
5-8
6 FEET
NECK
BUST
WAIST
HIPS
THIGH
ABOVE KNEE
UNDER KNEE
CALF
ANKLE
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40
27
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22½
15½
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15
12½
15½
8⅝
15½
36
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42
21½
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40
21
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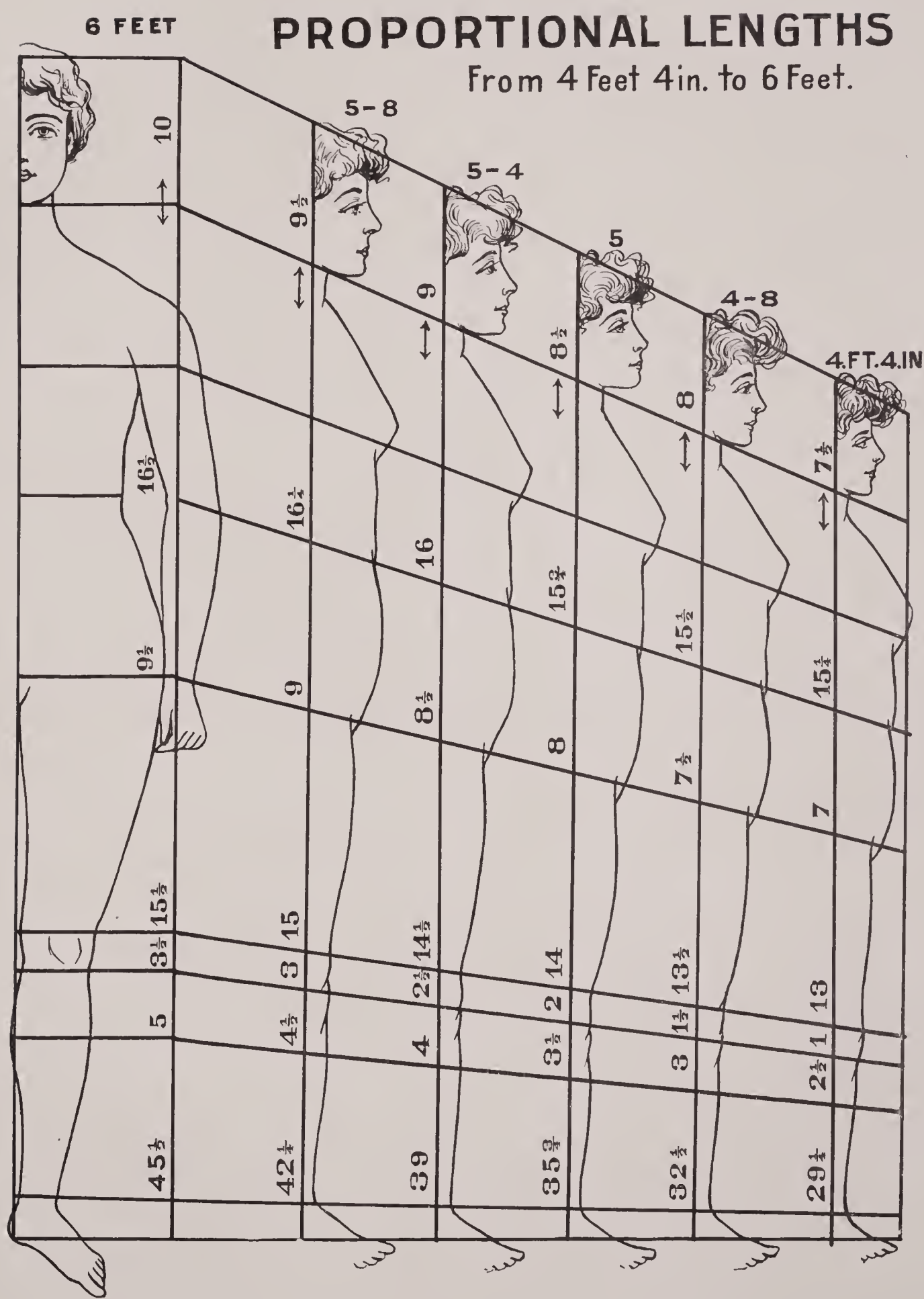
Diagram 2.


PROPORTIONAL LENGTHS
From 4 Feet 4in. to 6 Feet.
6 FEET
5-8
5-4
5
4-8
4.FT.4.IN
10
9½
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14½
14
13½
13
3½
3
2½
2
1½
1
5
4½
4
3½
3
2½
45½
42¼
39
35¾
32½
29¼

Diagram 3.

DIRECTIONS FOR TAKING MEASURES

In taking a customer's measure it is absolutely essential that she be treated in such a manner that she feel perfectly at ease in every way, hence will assume her natural attitude. Act quickly but quietly; don't get flustered yourself; converse naturally with her, to take her mind from the fact that she is being measured, otherwise she will inevitably and unconsciously "pose," which will result in a misfit, meaning trouble, alterations, loss of prestige, etc.

Be very careful in measuring to place the tape close to the body, neither too tight nor too loose, and see to it that it is not crooked. The success of the garment depends greatly on the balance, which the measurement alone can ascertain. It is therefore imperative that the body of your customer be in its natural pose when the measure is taken. We must again impress upon you the necessity of so arranging matters that you will keep her body in its proper pose. It is a very common occurrence that a person whose natural attitude is somewhat stooping will erect herself during the operation of measuring, which should be avoided. Take special notice of the foregoing instructions.

TAKING THE MEASURE.

Diagram 4, No. 1; Diagram 4, No. 2.

First—Mark shoulder seam with two pins, one at 8, the other at 9. This is very important, and great care should be taken not to get this particular seam too far front or back.

Second—Place tape high up under arm as line 1 shows, and mark with pins for shoulder height measure at 22 and 15 on front and 24—25 on back, directly under shoulder pins previously placed.

Bust Measure—Move tape down to fullest part of bust (point 2) and take measure.

Waist Measure—Draw tape tight around waist and take measure.

Hip Measure—Move tape down four inches below waist to point 4, and measure fairly tight. Four inches lower is a second hip measure, point 5.

Neck Measure—Measure around neck with ease, not too tight nor yet too loose.

Across Chest—21—20. From armscye to armscye across chest.

Neck Front to Waist—6—2—3. From lowest point of neck measure to fullest part of bust to waist front.

Shoulder Height Front—8—22 and 9—15. Measure from pins on shoulder to pins placed on bust.

Shoulder Height Back—8—24 and 9—25. Measure from pins on shoulder to pins placed on back.

Length Back to Waist—6—1—3. From collarbone to center of back to waist.

Across Back—23—11. From armscye to armscye across back.

Under Arm—Place the end of tape a little back of directly under the arm; then take the measure to bottom of belt. Be very careful to get this measure long enough.

Outside Sleeve—7—11—12—13. From center of back to armscye, elbow and wrist.

Diagram 4, No. 1.

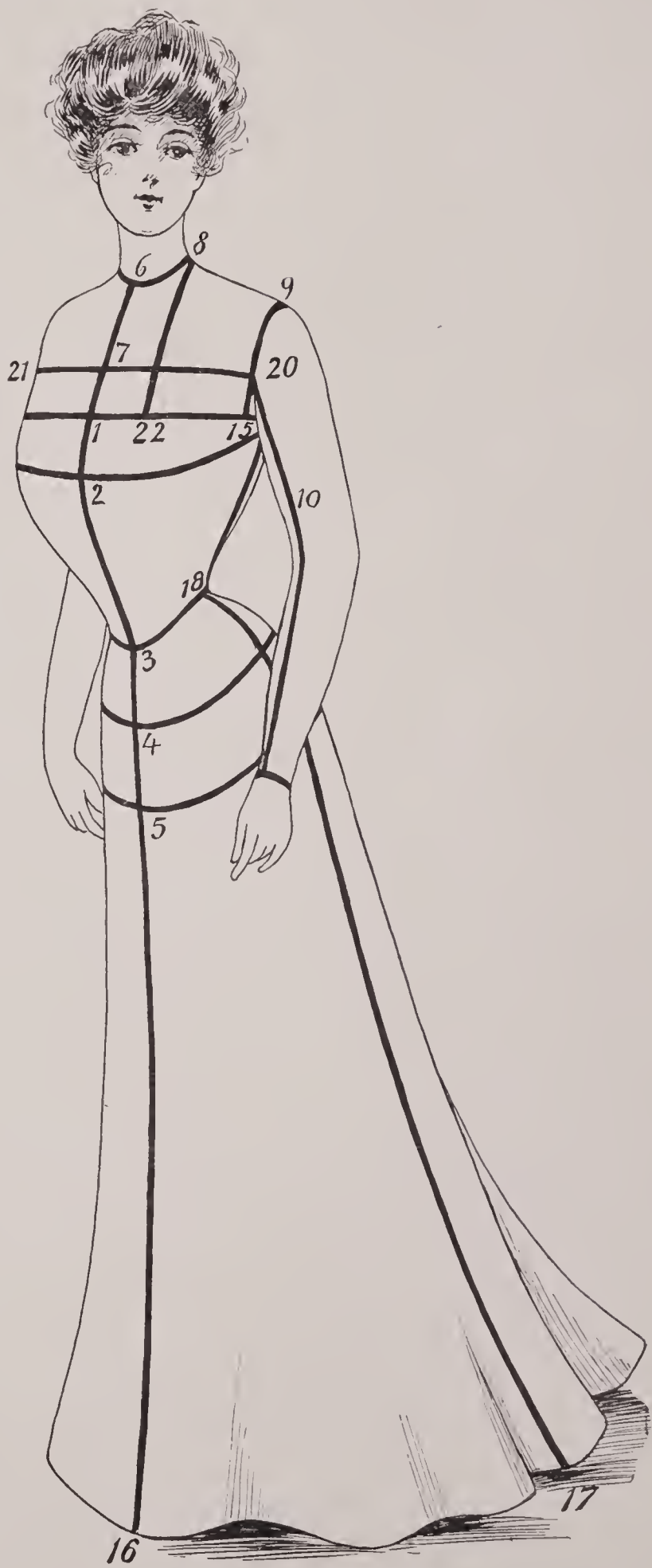

Diagram 4, No. 2.

JACKET LESSON I

DIAGRAM 5.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hip,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Draw line A—B.

   Measure from A to C $7\frac{1}{4}$ inches, and A to E, $15\frac{1}{2}$ inches, length in back to waist.

   E to F is 4 inches, first hip.

   F to B is 4 inches, second hip.

   Square C—E—F and B on line A—B.

2. The measure from C to D is $\frac{1}{2}$ of bust measure, 38 inches, plus $1\frac{1}{2}$ inches, namely, $20\frac{1}{2}$ inches. This $1\frac{1}{2}$ inches which is allowed on $\frac{1}{2}$ of bust measure is lost as follows: 1 inch in cutting out pattern, and $\frac{1}{2}$ inch for interlining.

   D to G is $5\frac{1}{8}$ inches, always $\frac{1}{4}$ of the distance between C and D, in this instance $20\frac{1}{2}$ inches.

   G to H is $4\frac{1}{16}$ inches, or $\frac{1}{8}$ the distance between C and D, plus $1\frac{1}{2}$ inches.

   C to Y is $2\frac{1}{2}$ inches, which distance changes $\frac{1}{8}$ inch more or less for respective sizes; C to I is $7\frac{1}{2}$ inches, which is $\frac{1}{2}$ inch more than one-half across back measure.

   Square D—H up and down; G—I—Y up on line C—D.

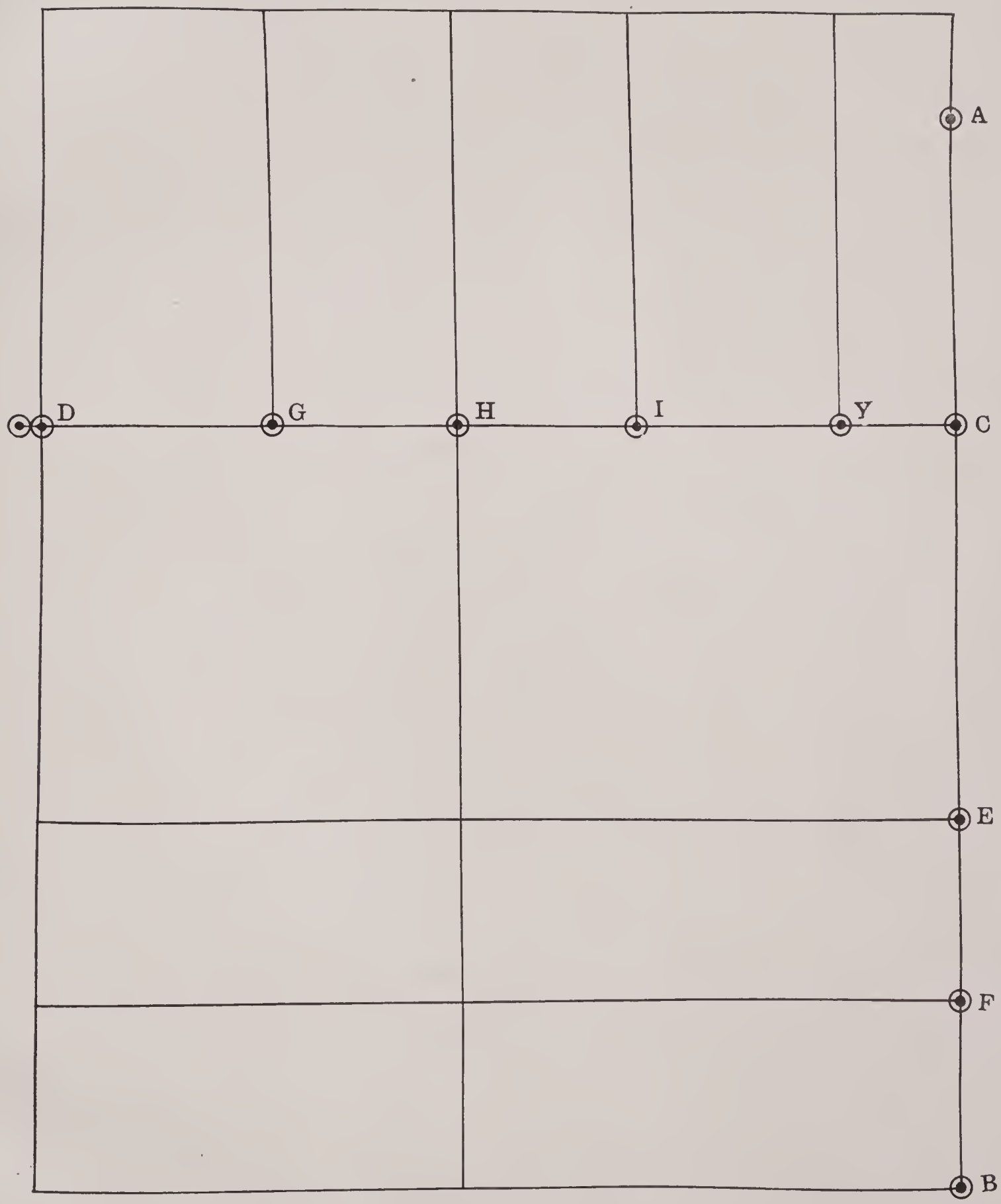

DIAGRAM 5.

JACKET LESSON II

Diagram 6.

MEASURES.

Bust,	38	inches	Across Back,	14	inches
Waist,	26	inches	Underarm,	9	inches
Hips,	44	inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$	inches
Across Chest,	15	inches	Shoulder Heights Back,	$8\frac{1}{4}$—6	inches
Neck,	$16\frac{1}{2}$	inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$	inches

INSTRUCTIONS.

1. C to P is 6 inches, second shoulder height back.

   Y to O is $8\frac{1}{4}$ inches, first shoulder height back.

   Square A and P across on line A—B.

   In squaring P across, point R is found crossing line I. R to S is $\frac{1}{2}$ inch.

   Draft neck back A—O and draw shoulder back O—S.

   H to 3 is $7\frac{1}{4}$ inches, second shoulder height in front; square point 3 on line H—3.

   G to X is $9\frac{1}{4}$ inches, first shoulder height in front.

   Square point X $\frac{3}{4}$ inch toward front and make dot.

   X to 1 is 2 inches, which point squared will make neck curve front. Z to 2 is $7\frac{1}{2}$ inches, across chest measure.

2. Measure back shoulder O—S and make front shoulder the same length, starting from the dot placed $\frac{3}{4}$ inch outside of X and continue to get length on line 3.

   D to Q is $\frac{1}{2}$ inch allowance for breathing.

3. Draft armscye starting at S, being very careful not to go inside of line I—R. Bring curve down to H, being careful not to go below bust line, draft through 2 to line 3.

   It is very important to follow the draft of armscye very carefully and get the shape as near as possible as diagram shows, as nothing can be added to an armscye that is too large, while a small armscye can easily be widened.

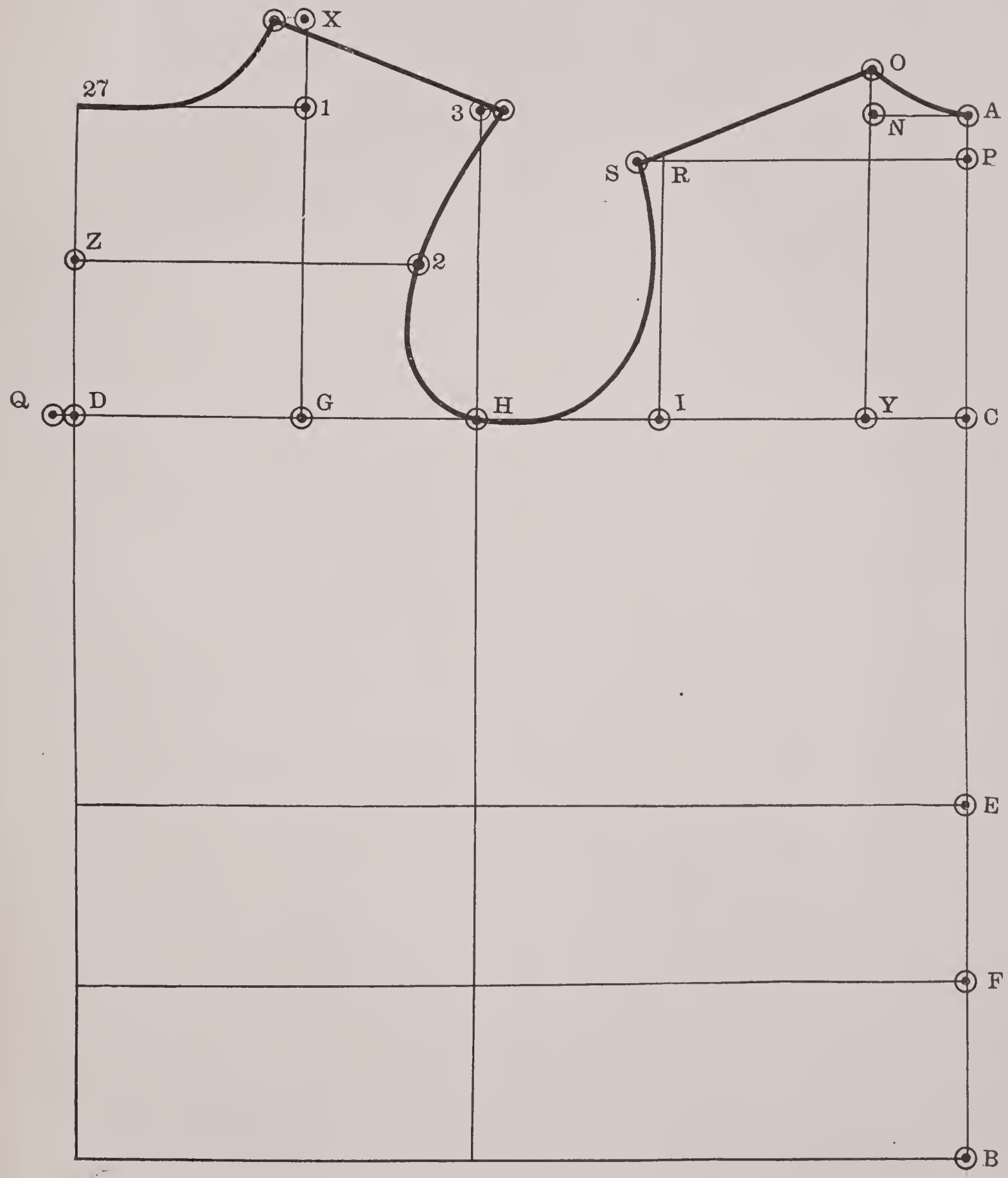

Diagram 6.

JACKET LESSON III

DIAGRAM 7.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Waist: From E to J is $1\frac{1}{2}$ inches.
   J to K is $1\frac{1}{4}$ inches.
   K to L is 1 inch.
   A rule for J and K. J and K in this case is $1\frac{1}{4}$ inches and varies $\frac{1}{8}$ inch according to size; for instance, $1\frac{3}{8}$ inches for 40 bust measure and $1\frac{1}{8}$ inches for 36 bust measure. This rule is applied in all cases where back is tight, with 2 gores.

2. In order to get the right proportions for gores, the following rule is used:
   Waist measure is 26 inches, $\frac{1}{4}$ of same is $6\frac{1}{2}$ inches, which must be divided into two equal gores, and a back. Back J—K is $1\frac{1}{4}$ inches, leaving $5\frac{1}{4}$ inches to be divided into two equal gores, of $2\frac{5}{8}$ inches each. The distance from L to 7 is $7\frac{1}{4}$ inches, or 2 inches more than desired; therefore divide 2 inches into two equal parts of 1 inch each, and lose this between the gores. Now measure L to 4, $2\frac{5}{8}$ inches; 4 to 5, 1 inch; 5 to 6, $2\frac{5}{8}$ inches; and 1 inch from 6 to 7. This rule is to be used on all sizes.

3. Hip: Find center of K—L; 4—5 and square down. Find center of 6—7 and square up and down; by squaring up, point 28 is found. F to V is $1\frac{1}{4}$ inches and draw back line V—J to A.
   10 and 15 is $\frac{1}{4}$ inch from line between L—K; 11 and 12; 13 and 14 are $\frac{1}{2}$ inch from center line.

4. Draft back from 10 through K to T. T is $2\frac{1}{2}$ inches below R.
   Back Gore: From 15 through L touching back at bust to T; from 12 through 4 to 29. which is $2\frac{1}{4}$ inches from T.
   Side Gore: From 11 through 5 to 29; from 14 through 6 to 28.
   Front: From 13 through 7 to 28.
   Continue lines down from V—15—10—11—12—13—14 to any desired length.

5. To find front line, point 18, hip must be measured, starting from V to 10, 15 to 12, 11 to 14, 13 to where one-half hip measure comes to plus $1\frac{1}{2}$ inches, giving point 18.

6. To obtain neck measure: Measure from A to O and from line X on neck front to where the neck measure comes to, in this case, point 27.
   Shape front line from 18 through Q to 27. Place dart directly under center of bust line D—H parallel with front line 27—18, $3\frac{1}{2}$ inches below, and take out between 8—9, 1 inch and 16 and 17 $\frac{1}{2}$ inch and shape as shown.

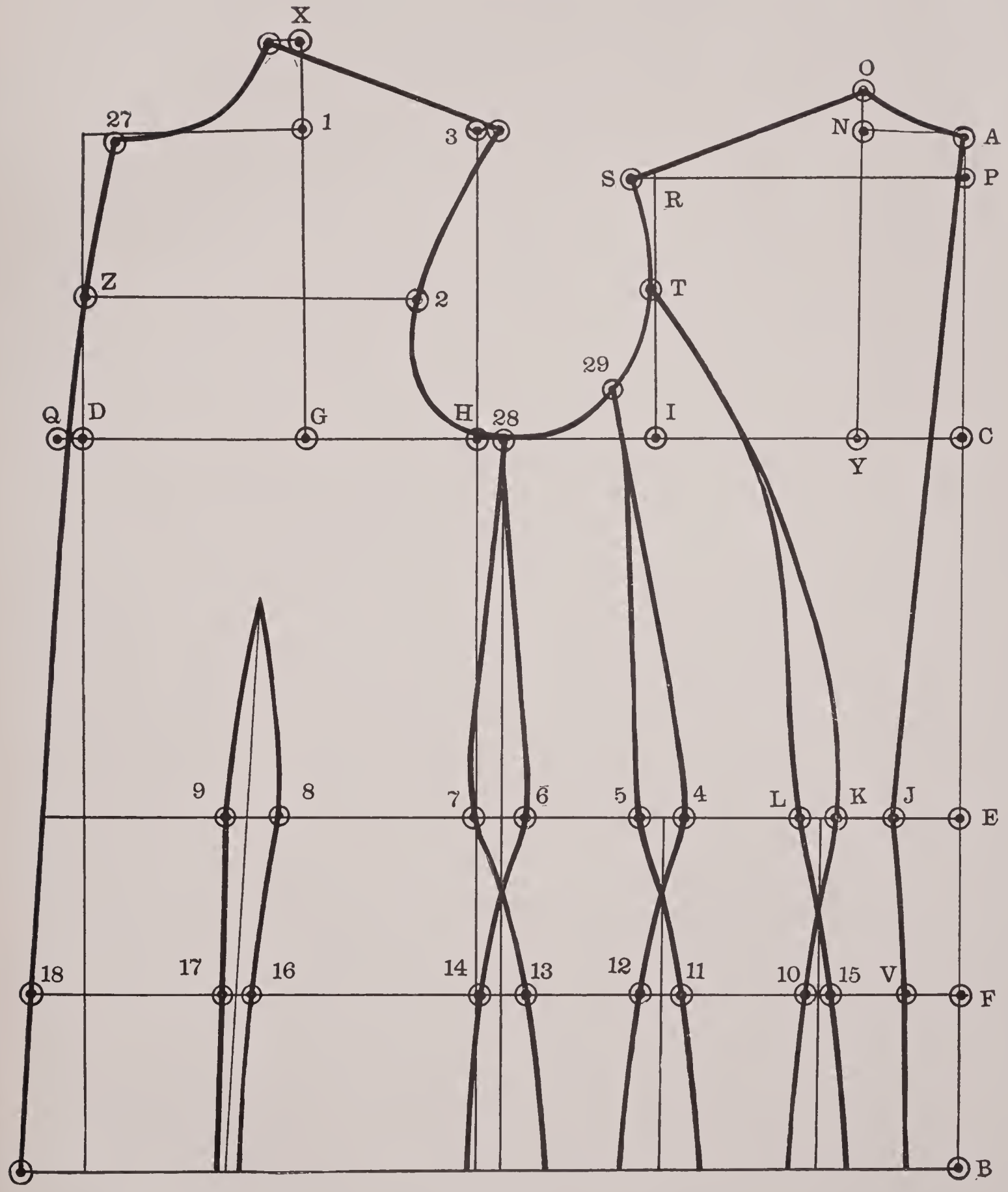
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Diagram 7.

JACKET LESSON IV

Diagram 8.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. To make garment double breasted allow 2 inches on front line from Q and 18 and draw line. Go back for buttons the same distance and mark same, as diagram shows.

To obtain collar and lapel, measure one inch from deepest point of neck line making point 23, and draw line from point 26, upward to point 23. Go in $\frac{1}{4}$ inch from shoulder point front and draft line from neck curve through just given point. The distance from line X is neck curve back A—O, giving point 21. Placing square on line 26—23 draw line from 21 through 24 to 25, which point is $1\frac{1}{4}$ inches from 24. Draft under collar from 25 through point 30 an l shape lapel and collar as diagram shows. Allow $\frac{1}{4}$ of an inch from point 21 for the spring of collar in back.

Now break line 26—23 by turning paper under and trace lines of lapel out to front of jacket, giving shape as shown. Now place a separate paper under collar and trace out according to drawing.

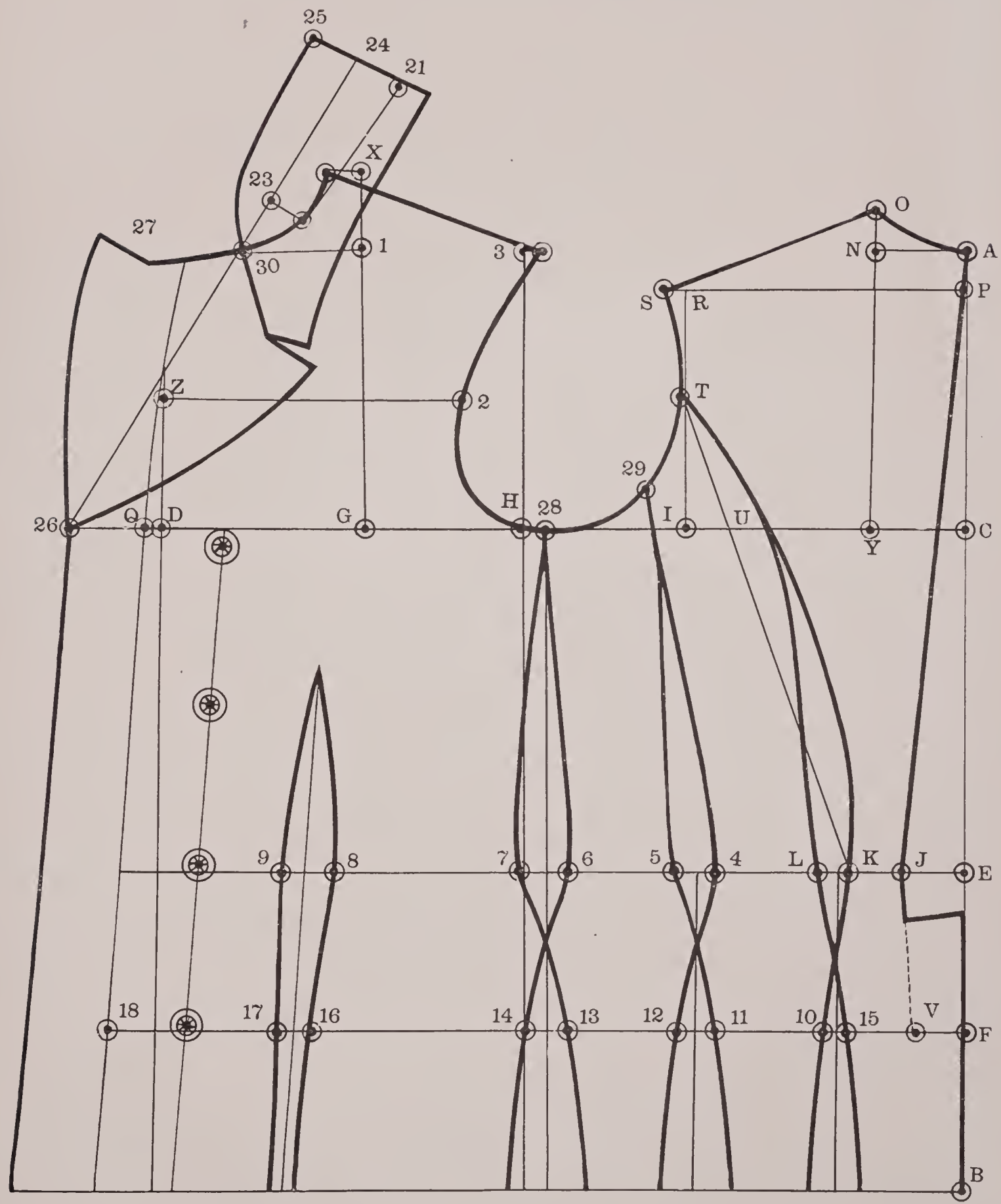
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Diagram 8.

JACKET IN LOOSE FRONT AND TIGHT BACK

DIAGRAM 9.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Height Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Height Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. At neck curve front a V is taken out at point 30 about $\frac{1}{2}$ inch, and 5 inches deep, to give proper fullness over bust. As will be noticed in Lesson 3, instructions are with one dart in front, and in this lesson, two darts are shown. It is perfectly safe to make garment either way, but long experience teaches that a garment with two darts gives better satisfaction and takes all the fullness away from the front of the coat when buttoned up.
2. DARTS: Between 8 and 9 is 1 inch, and between 56 and 22 is $\frac{1}{2}$ inch. Points W and U are $2\frac{1}{2}$ and 3 inches from bust line D—H respectively. Start to shape darts 6 inches below waist line as diagram shows, from points 54 and 55.
3. To make garment double breasted allow 3 inches on front line and go back $2\frac{1}{2}$ inches for button stand. Shape front as desired or as diagram shows. Take out 1 inch between 27 and 31.

A Storm Collar is to go on this jacket, and is described on page 116, Diagram 58.

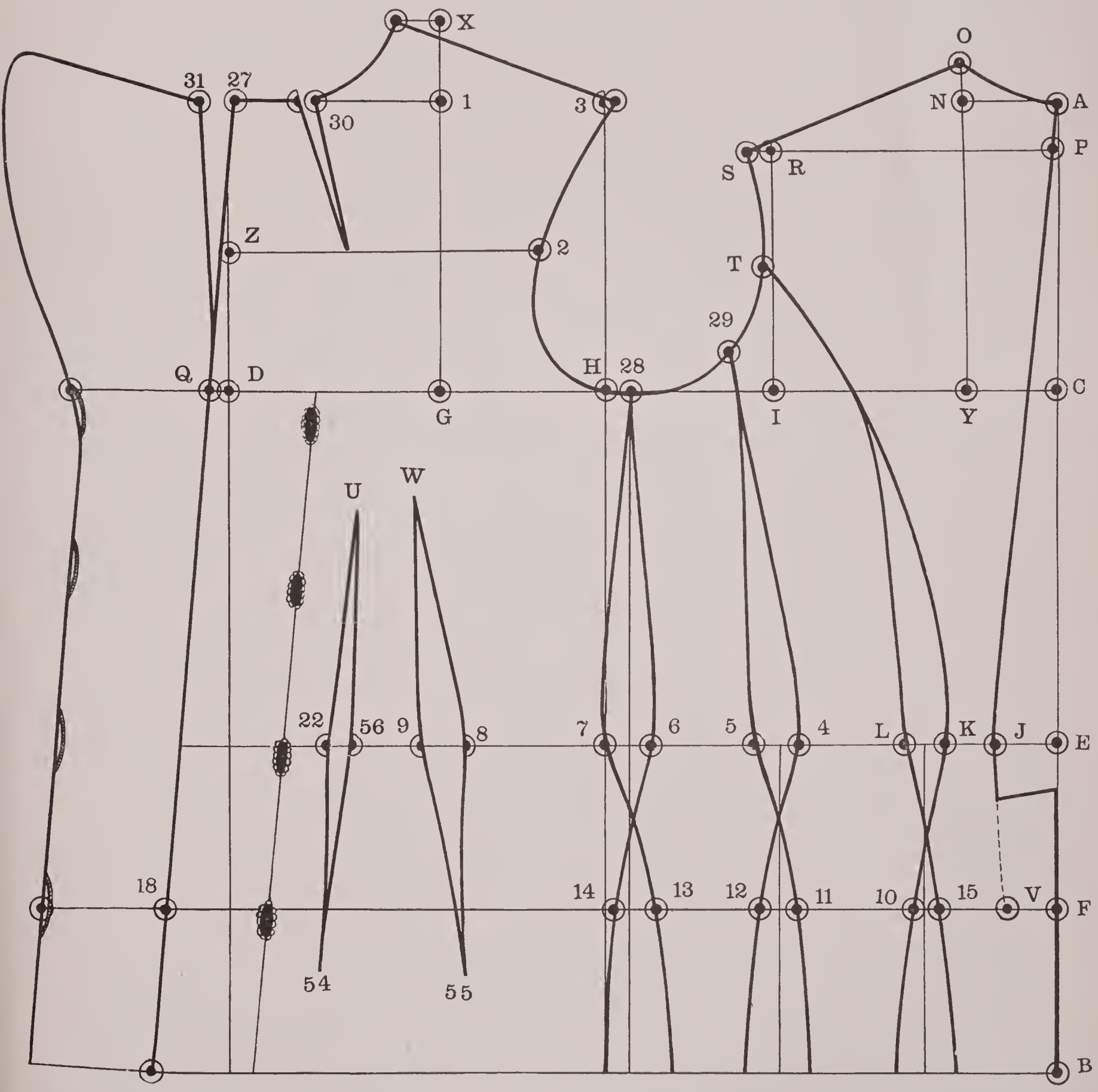
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Diagram 9.

JACKET AND STORM COLLAR IN ONE

DIAGRAM 10.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Height Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Height Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. This Jacket is exactly the same as described in Lesson No. 4, with the exception of having one dart only and collar being cut with garment.
2. COLLAR: From A to 32 is $4\frac{1}{2}$ inches and square to point 25, $3\frac{1}{4}$ inches. O to 24 is $5\frac{1}{4}$ inches; connect A with 25, 25 with 24, and O with 24, as diagram shows.

   X to 30 is $5\frac{1}{4}$ inches, and square to 21, $\frac{3}{4}$ inch. Now connect 27 with 21, and X with 21, shaping as diagram shows. Continue the V between 22 and 23 straight up as shown, giving the spring of collar. This completes the collar.

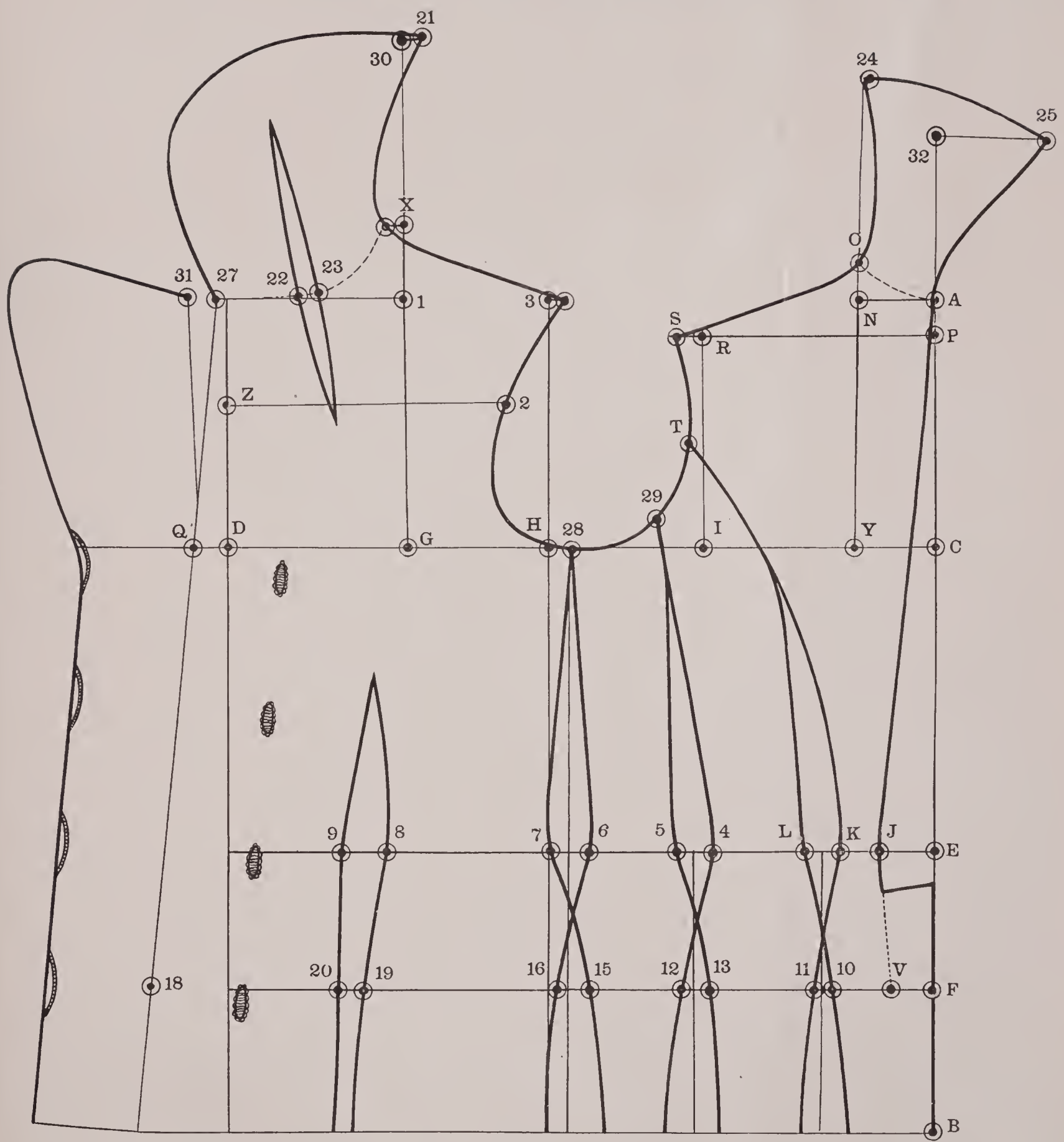
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Diagram 10.

JACKET WITH THREE GORES

For Corpulent Figure

DIAGRAM 11.

MEASURES.

Bust,	44 inches	Across Back,	$15\frac{1}{2}$ inches
Waist,	32 inches	Underarm,	$8\frac{1}{2}$ inches
Hips,	50 inches	Shoulder Heights Front,	$10\frac{1}{4}$—$8\frac{1}{4}$ inches
Across Chest,	16 inches	Shoulder Heights Back,	$8\frac{3}{4}$—$6\frac{1}{2}$ inches
Neck,	17 inches	Length Back to Waist,	$7\frac{1}{2}$—$16\frac{1}{4}$ inches

INSTRUCTIONS.

1. Follow the same rule as in Lessons I and II for box only, using 44 bust proportions.
2. Starting at waist line E, measure to J $1\frac{1}{2}$ inches and draw a straight line up to A.

From J to K is 2 inches. This point varies the same as described in paragraph 1, Lesson 3. K to L is 1 inch.

In order to get the same proportion for gores as in other lessons, use the same rule as given in paragraph 2, Lesson 3, only using 3 proportions instead of 2, making L to 4 2 inches; 4 to 5, 1 inch; 5 to 6, 2 inches; 6 to 7, 1 inch; 7 to 30, 2 inches and $\frac{3}{4}$ of an inch between 30 and 31.

For the balance of Jacket use exactly the same details as described in Lesson No. 4, with the exception of the collar, which in this case is a shawl collar.

For this collar, same description applies as for notch collar described in Lesson No. 4, leaving out the notch and making lapel and collar in one, as diagram shows.

Now break line 26—23 by turning paper under, and trace lines of lapel out to front of jacket, giving the shape as shown.

Now place a separate piece of paper under collar and trace out according to drawing.

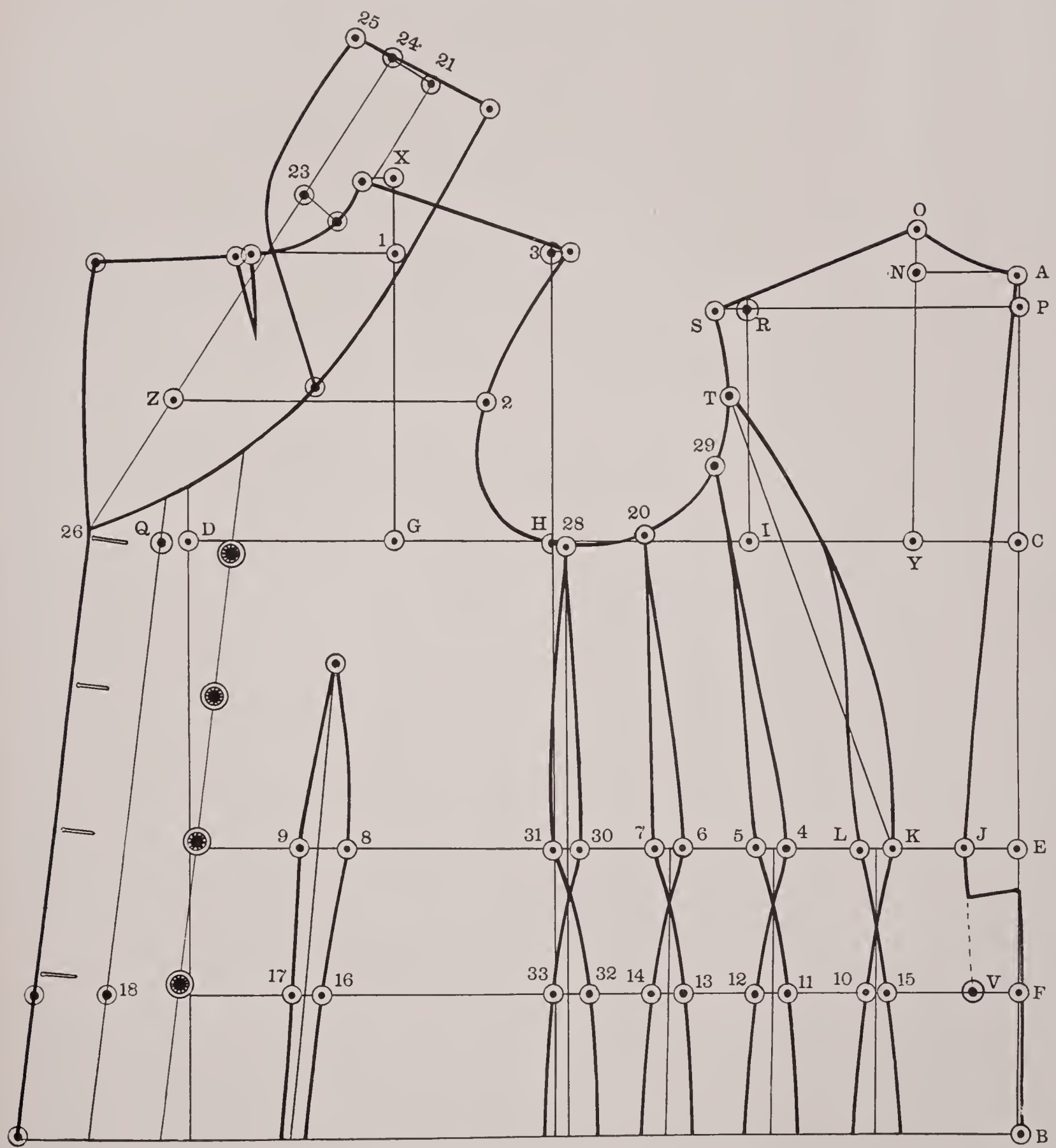
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Diagram 11.

SLEEVE DIAGRAM CORRESPONDING WITH 38 BUST FIGURE

DIAGRAM 12.

MEASURES.

Bust,	38 inches	Length to Wrist,	29½ inches
Across Back,	14 inches	To Elbow,	19½ inches

INSTRUCTIONS.

1. Draw a line A—B; A to M is 7 inches, ½ width of back. A to L is 19½ inches—elbow. A to B is 29½ inches—length of sleeve.

   M to S is 9½ inches, ¼ of bust measure. Square point S down on M—S.

   M—D is ⅛ of bust measure less 1 inch, or 3¼ inches. Square D—L and B on line A—B. This completes box for sleeve.

2. M to I is 1 inch. L to C is ½ inch; Q to P is ½ inch; H to G is 1 inch; H to K is 4¾ inches; K to J is ½ inch. Draw a line from G through J. Mark off from G to V, 4 inches. From G to E is 6 inches.

3. T to R is 2 inches; R to U is 5 inches, ¼ inch more than ⅛ of bust. Divide line S—M in half for point N. N to O is 2½ inches. Draft line G—R—Q—N—V—U—N to Q, finishing undersleeve.

   Draft line G—R—P—E—C—I—O—P, finishing diagram.

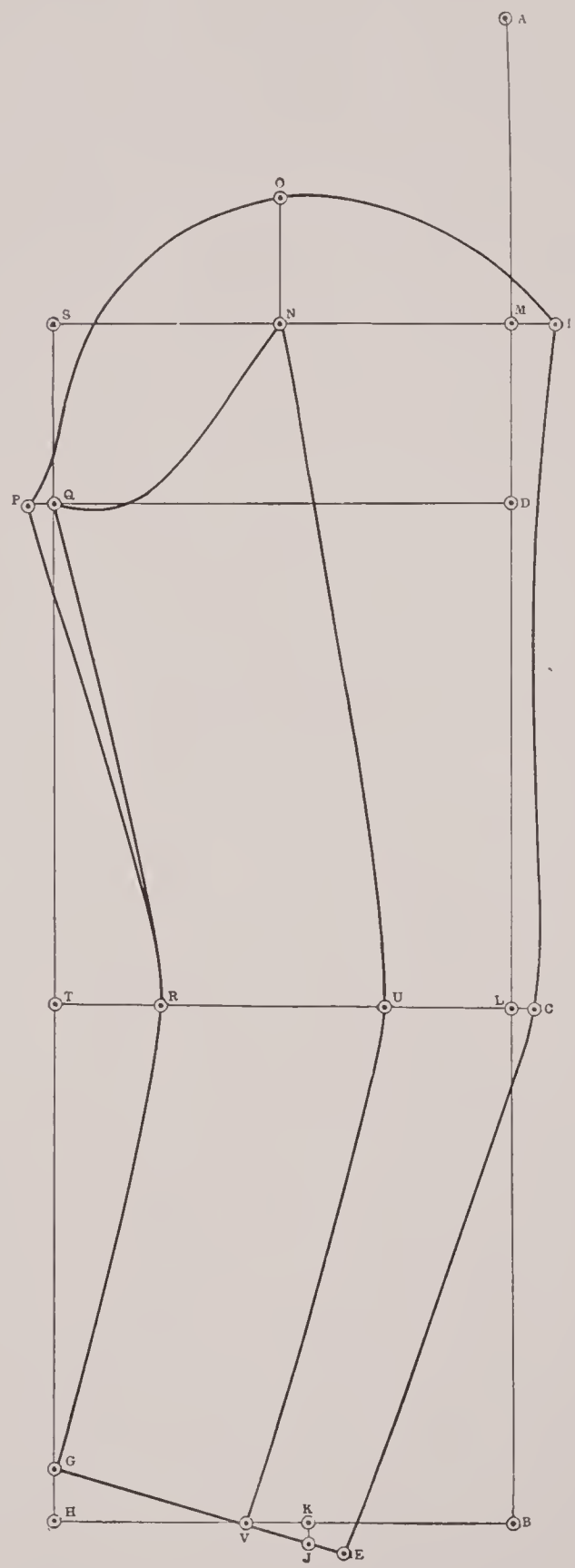

DIAGRAM 12.

BISHOP SLEEVE CORRESPONDING WITH 36 BUST FIGURE

Diagram 13.

INSTRUCTIONS.

1. Draw a line A—B. A to C is $4\frac{1}{2}$ inches, $\frac{1}{8}$ of bust. C to D is 9 inches, $\frac{1}{4}$ of bust. D to B is 9 inches, $\frac{1}{4}$ of bust. A to E is $\frac{1}{2}$ bust measure, 18 inches less 2 inches or 16 inches; square points A—C—D and B and square down on E. This completes box.

2. Divide A—E into half and square down, making line N—M. G to P is $1\frac{1}{2}$ inches; O to D is $1\frac{1}{2}$ inches; B to L is $\frac{3}{4}$ inch; H to K is $\frac{3}{4}$ inch. Point M is 4 inches below line B—H. Point N is 1 inch above A—E.

3. Now connect L—O—C—N—F—P—K—M to L completing bishop sleeve.

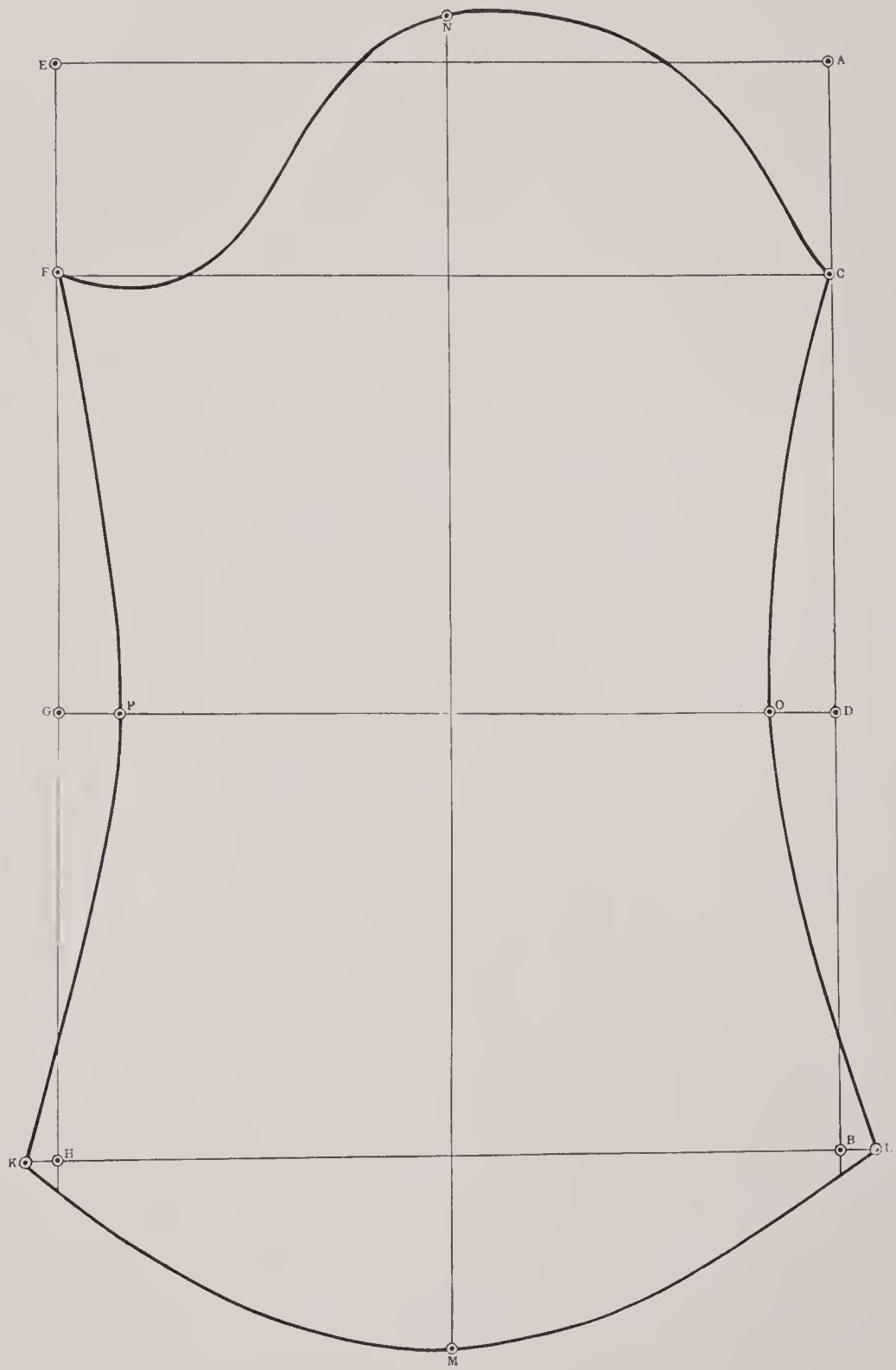

Diagram 13.

TIGHT FITTING JACKET

DIAGRAM 14.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Follow instructions in Lessons 1—2—3 to obtain all points except front.
2. Waist: Commence measuring at J to K, L to 4, 5 to 6 and from 7 to where waist measure comes to 13 inches. In this case 56 is the point; from 56 always allow $\frac{1}{2}$ inch more for tight fitting garments; from front line go out 1 inch to 23. What is left between 23 and 56, less the half inch allowed, must be taken out in 2 darts; as there are 3 inches, take out $1\frac{1}{2}$ inches each.

   Start at point 23 and measure to point 22, $1\frac{1}{2}$ inches; from 22 to 56 is $1\frac{1}{2}$ inches, which is $\frac{1}{2}$ of the 3 inches; 56 to 9 is 1 inch; 9 to 8 is $1\frac{1}{2}$ inches, the other half of 3 inches.
3. Hip: Commence measuring at V to 10, 15 to 12, 11 to 14, and 13 to where hip measure comes to 22 inches plus $1\frac{1}{2}$ inches $23\frac{1}{2}$ inches, the $1\frac{1}{2}$ inches allowed being taken out in darts; this gives point 18.
4. Now shape front line from 18 through 23, Q to 27, and from 18 down to 53.
5. Make point W about $2\frac{1}{2}$ inches from breast line, and 5 inches from front line 27—53; and U about 3 inches from breast line D—H and 3 inches from front line.
6. Draw a line through center of 56—22 and 8—9 from U—W to about 6 inches below waist line points 54—55 and start to shape darts as diagram shows.
7. To make this jacket double-breasted, measure 1 inch from 23 to 33, and make opposite side line 53—31 correspond with front line 53—27. From 33 to 32 is $1\frac{1}{2}$ inches, 18 to 34 is $2\frac{1}{2}$ inches; now draft line from 34 through 32 to 30, any desired shape.

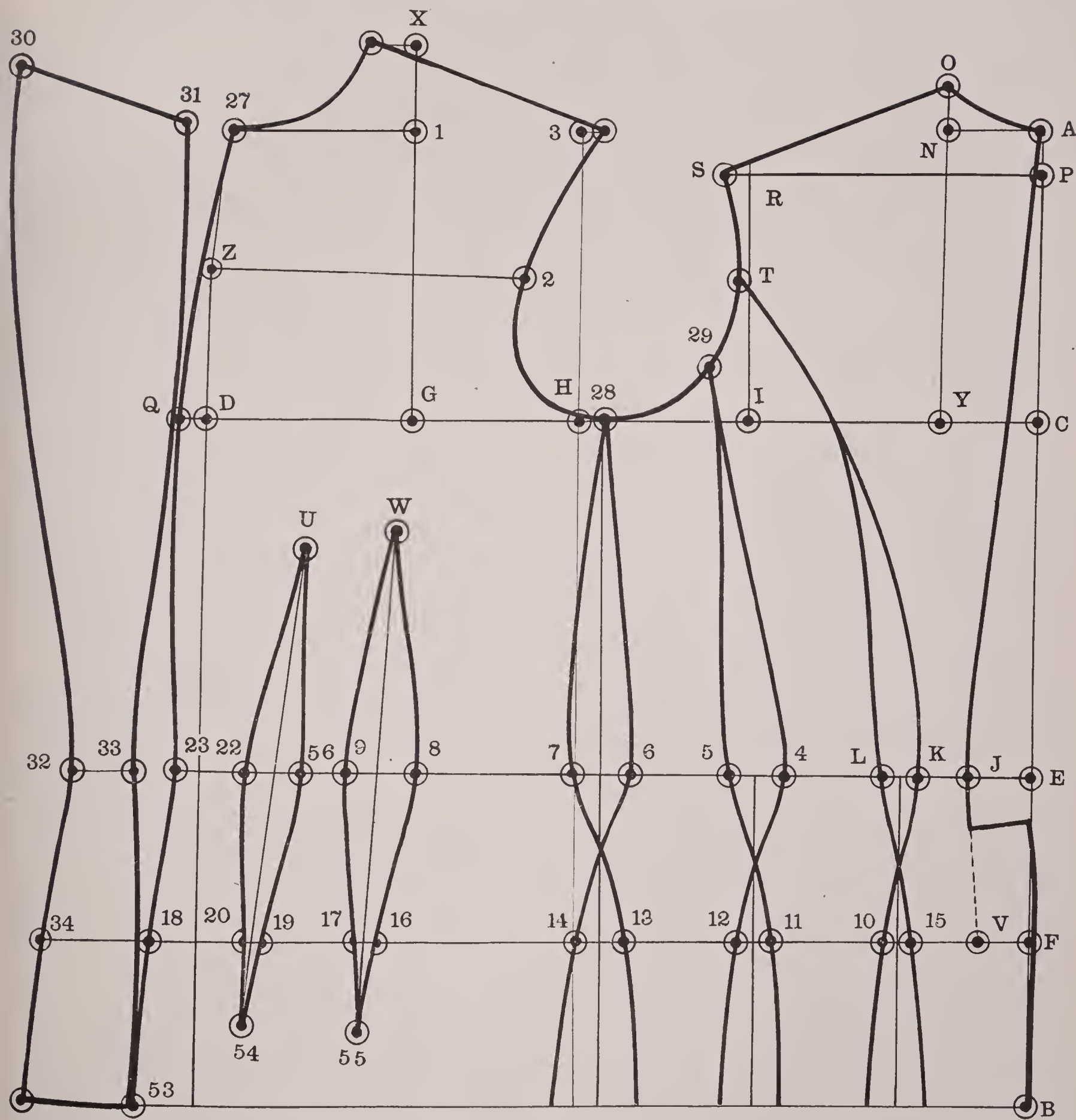
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Diagram 14.

TIGHT FITTING JACKET WITH SEPARATE SKIRT

DIAGRAM 15.

MEASURES.

Bust,	38	inches	Across Back,	14	inches
Waist,	26	inches	Underarm,	9	inches
Hips,	44	inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$	inches
Across Chest,	15	inches	Shoulder Heights Back,	$8\frac{1}{4}$—6	inches
Neck,	$16\frac{1}{2}$	inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$	inches

INSTRUCTIONS.

For making jacket, use exactly the same rules and descriptions used in tight fitting jacket. Diagram in this instance shows a separate lapel and is made exactly like the tight fitting jacket, with the exception of the shape of collar and lapel. Also notice that jacket is cut through from back gore, point L to front of garment point 40, to which separate skirt is fastened.

SKIRT: Square points 33—32 from 23. 23 to 33 is $\frac{1}{4}$ of bust measure, $9\frac{1}{2}$ inches; 23 to 32 is $\frac{1}{8}$ of bust measure, plus 1 inch, $5\frac{1}{4}$ inches. From 33 to 10, and from 32 to 13 is 4 inches all around waist, making hip measure. 23 to 31 is 3 inches. Draft waist line from 33 through 31 to 32, which is $\frac{1}{2}$ of waist measure, less back, J—K.

10 to 19 is $\frac{1}{2}$ inch; draw line down through 19 from 33: make skirt 8 inches deep and 8 inches all around from waist line. Add plaits on back to correspond with jacket, which completes diagram.

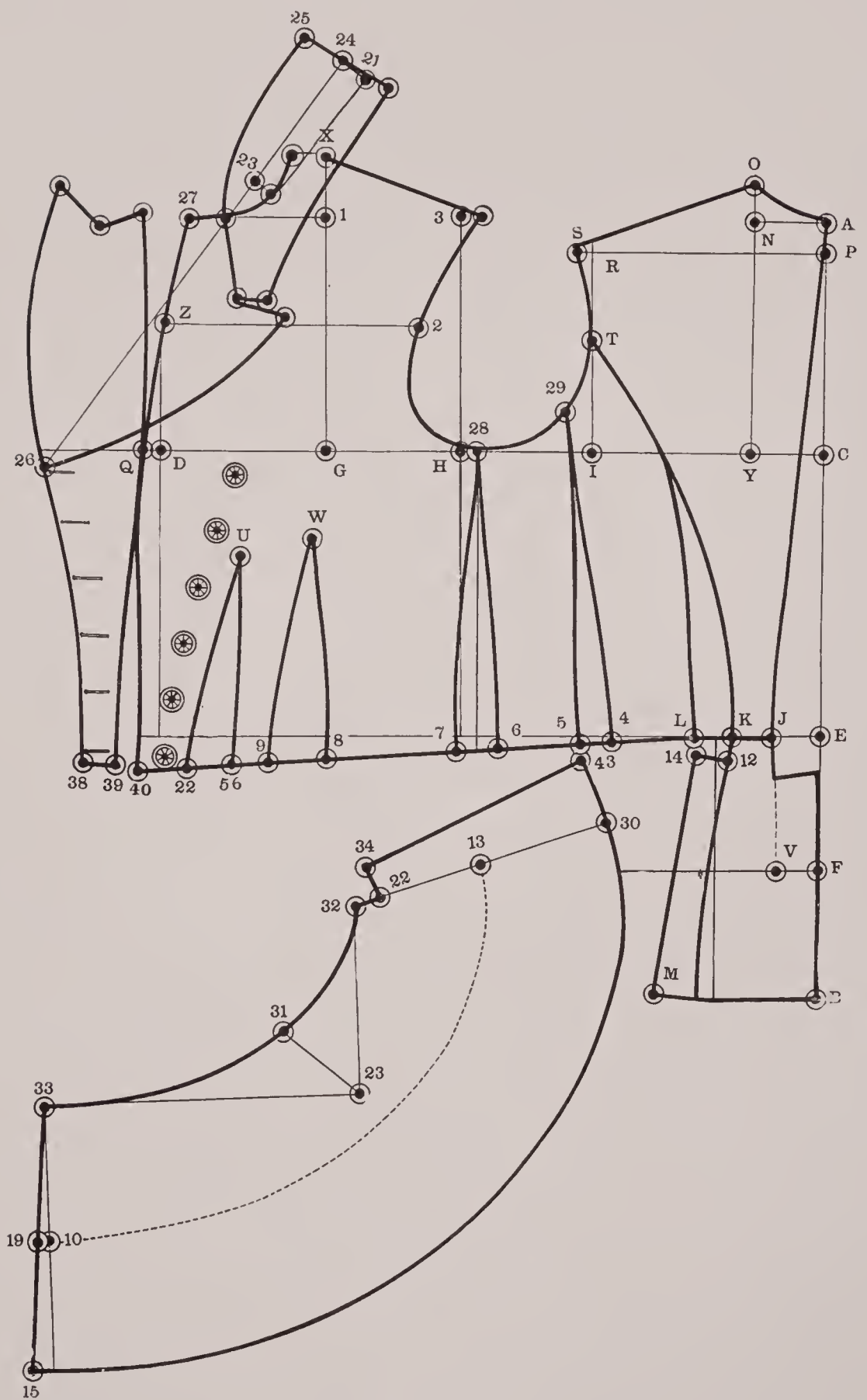
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Diagram 15.

LOOSE FRONT JACKET WITH TIGHT FITTING VEST

DIAGRAM 16.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Follow tight fitting jacket for back, side gores, back gores, and front, then shape gores and back to any desired length as diagram shows.

Using the center front of the tight fitting jacket, shape vest as diagram shows, about 2 inches below waist line. The vest in this diagram is the shaded portion of drawing.

3. Measure for shawl collar 1 inch from deepest point at neck line 23, and draw straight line from bottom of front point 53 through point 40. Now draft line from neck curve front line X to 21 upward and make this distance the same length as neck curve back A—O, giving point 21. Placing square on line 53—23, draw a line from 21 through point 24 to 25. Draft shawl, starting at point 53 to top of collar (neck back) and draft under collar from point 25, touching shawl as diagram shows.

Break line 24—53 by turning paper under and trace shawl toward front as diagram shows. Place separate piece of paper under the under collar and trace out according to diagram. The vest must be traced out the same way by laying paper under front.

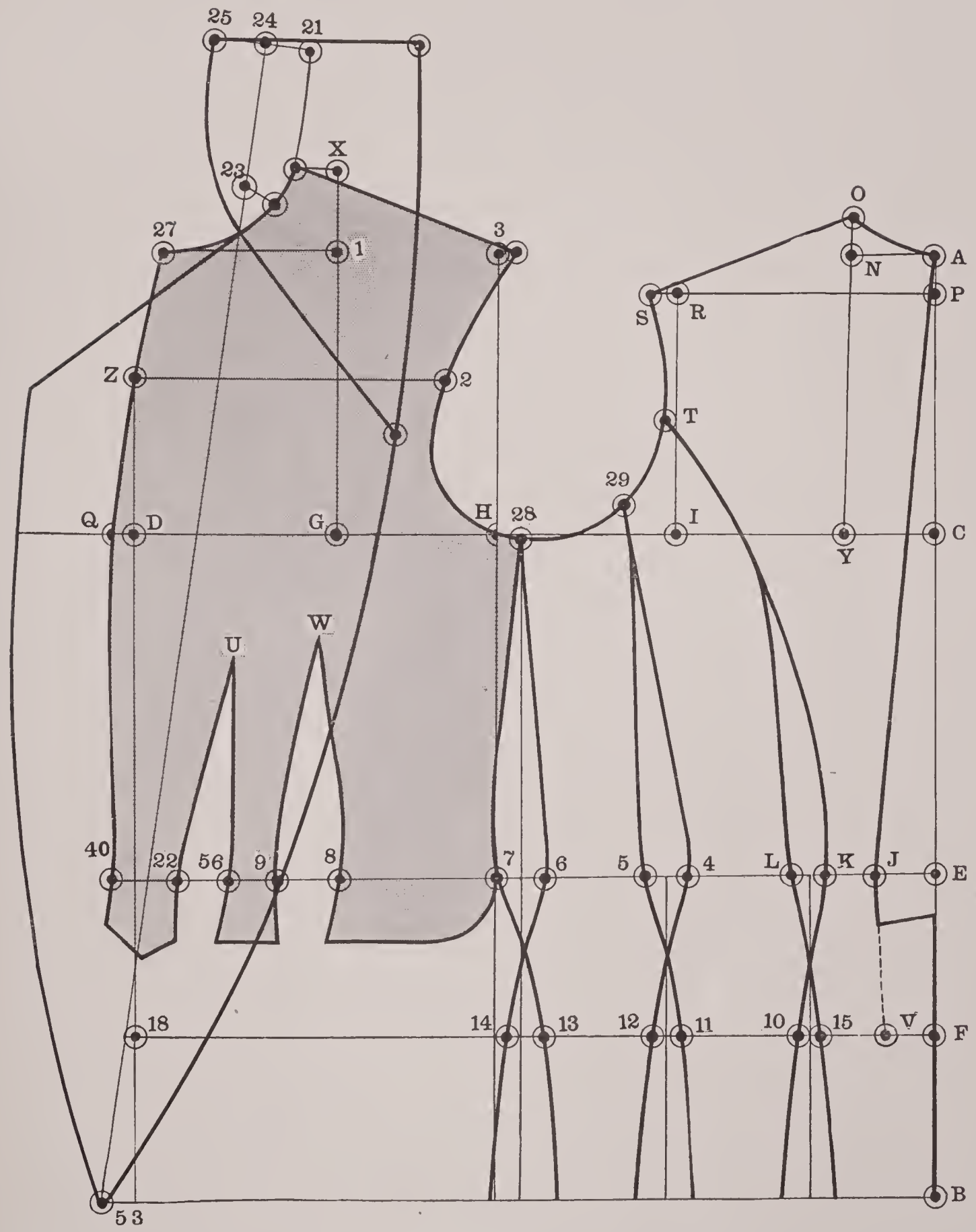
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Diagram 16.

TIGHT FITTING VEST

DIAGRAM 17.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Use Lesson No. 1 for box.

A to C is $7\frac{1}{4}$ inches, length in back; P to C is 6 inches, second shoulder height back; square A and P on line A—F; P to R is 7 inches, $\frac{1}{2}$ width of back. S is about 1 inch from R; A to N is $2\frac{1}{2}$ inches, which distance changes; C to Y is $2\frac{1}{2}$ inches, this distance changes $\frac{1}{8}$ inch more or less for respective sizes; Y to O is $8\frac{1}{4}$ inches, first shoulder height back.

H to 3 is $7\frac{1}{4}$ inches, second shoulder height front; G to X is $9\frac{1}{4}$ inches, first shoulder height front; 1 is 2 inches from X; this varies according to measure, allowing $\frac{1}{8}$ inch more for larger sizes and $\frac{1}{8}$ inch less for smaller sizes. E to J is 1 inch; connect J with A, and shape slightly as shown.

Draft line A—O. Connect O with S. 3 to line X is same distance as O—S.

Draft line X—27.

Armscye for vest is always 1 inch larger all around than the regular jacket. The dotted line shows the jacket and the heavy line all around it the vest armscye.

3. J to K is $3\frac{3}{4}$ inches; K to L is $1\frac{1}{2}$ inches; L to 4 is $2\frac{3}{4}$ inches; 4 to 5 is $1\frac{1}{2}$ inches; now draft gore in back as shown.

Front and darts are same as tight fitting jacket.

4. Allow for button stand $\frac{3}{4}$ inch.

Draft bottom to any shape desired. From 27 on neck diagram shows a standing collar.

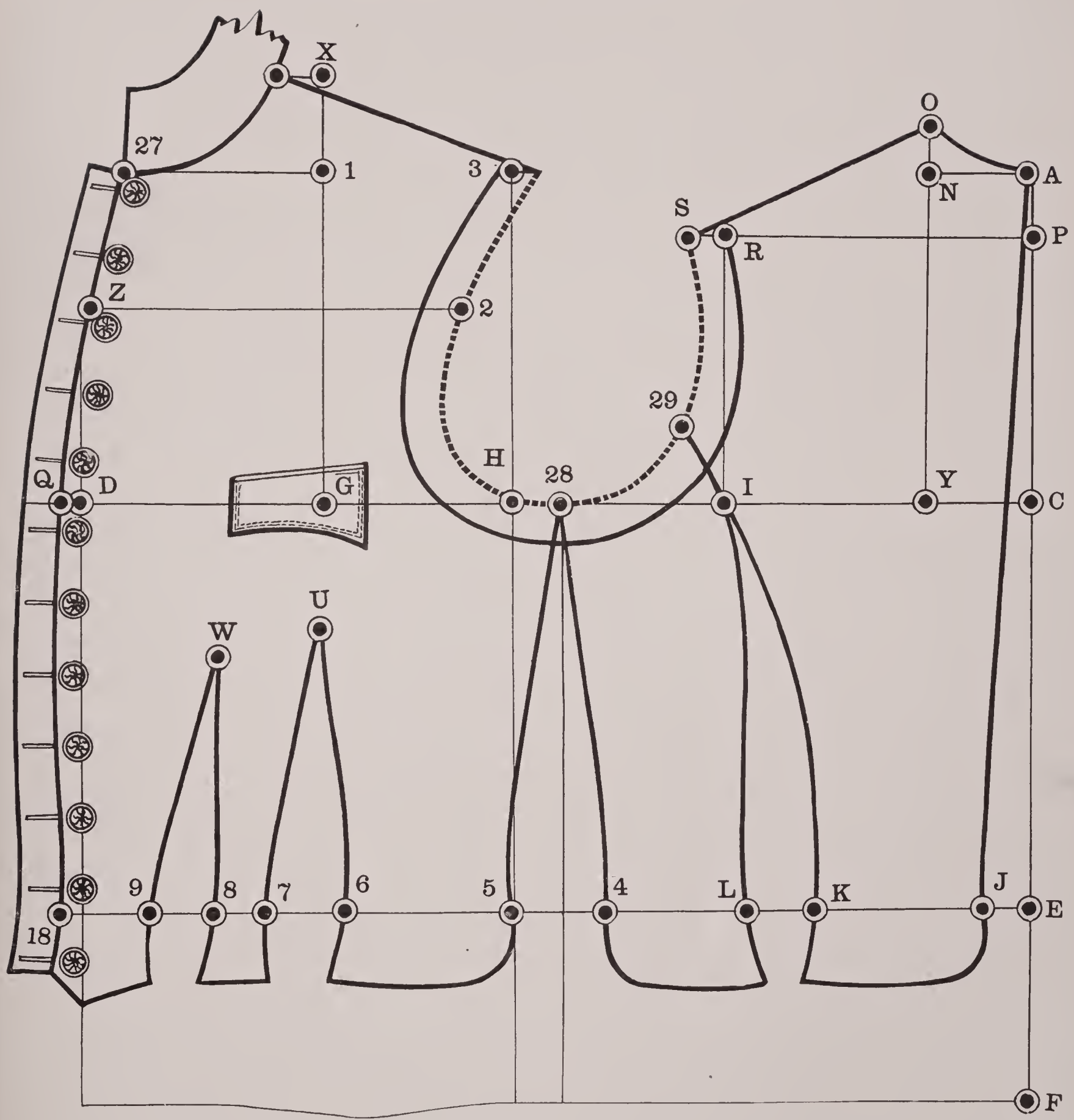

Diagram 17.

LOOSE BACK TIGHT FRONT VEST

DIAGRAM 18.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Use Lesson No. 1 for box.
2. Shoulder heights and armscye are same as tight fitting vest.
3. From 5 to 4 is 2 inches, and shape as shown.
   4 to J is $\frac{1}{4}$ of waist measure, $6\frac{1}{2}$ inches.
   J to E is held in with strap.
   Measure from 5 to 9, $6\frac{1}{2}$ inches, $\frac{1}{4}$ of waist, distance from 9—18 must be taken out in dart 9—8 $2\frac{1}{2}$ inches, and shape dart as shown.
4. Collar is the same as described in Lesson No. 4.

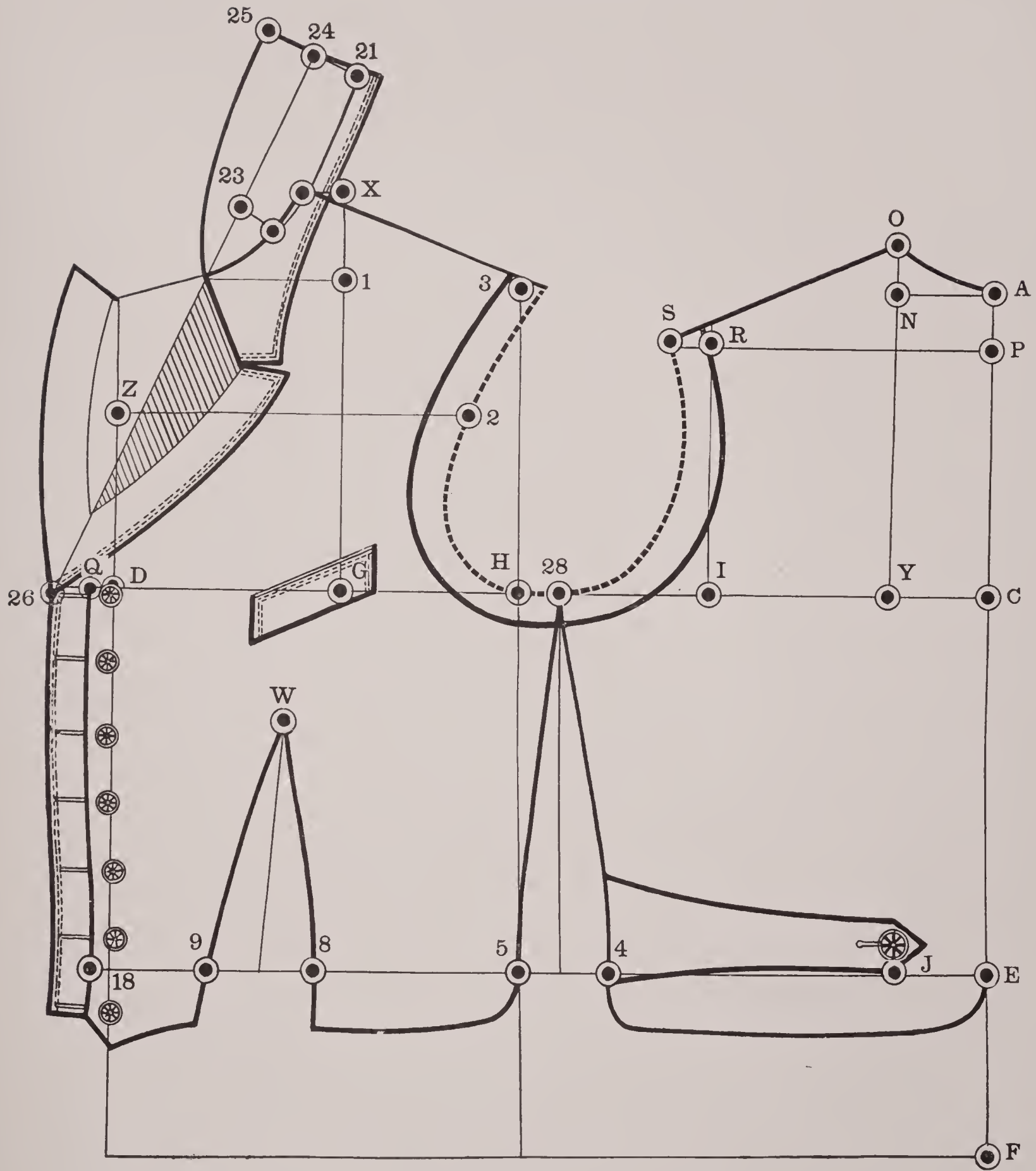

Diagram 18.

RUSSIAN BLOUSE

DIAGRAM 19.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Under Arm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. For box and shoulder heights follow instructions as in Jacket Lessons Nos. 1 and 2. This blouse is tight back and loose front.

2. E to J is 1 inch; connect J with A, which gives the back. The back from J to K, and gore from L to 4 must be $\frac{1}{4}$ of waist measure, 26 inches, namely, $6\frac{1}{2}$ inches. As from J to 5 is $8\frac{3}{4}$ inches, $2\frac{1}{4}$ inches must be lost between K and 2 and 4 and 5, making K and L $1\frac{1}{4}$ inches, and 4 to 5, 1 inch respectively.

Now shape, from just given points, back and gore as diagram shows. 18 to 19 is $2\frac{1}{2}$ inches; draw line through 19 and Q, giving center front line. Add to this line and shape as desired. This blouse illustrates a shawl collar and is described in Corpulent Jacket with three gores. (*See Diagram* 11.)

SKIRT: Draw line 8—9 and square to 6; 6 to 8 is $\frac{1}{4}$ of bust, $9\frac{1}{2}$ inches, and 8 to 9 is $\frac{1}{8}$ of bust plus 1 inch, or $5\frac{3}{4}$ inches. Square point 6 down to line 8—6.

8 to 7 is 3 inches and draft from 6 through 7 to 9, which represents waist measure. From 6 to 14 is 4 inches, and 9 to 15 is 4 inches, giving first hip measure to point 15. From 14 to 11 is $\frac{1}{2}$ inch. Draw line straight through from 6 to 11 to 6 inches below waist line, or any desired length. This skirt is 6 inches below the waist line all around and has a plait added in the back as diagram shows.

The blouse is gathered in front where zigzag line shows and is held in to skirt to fit waist.

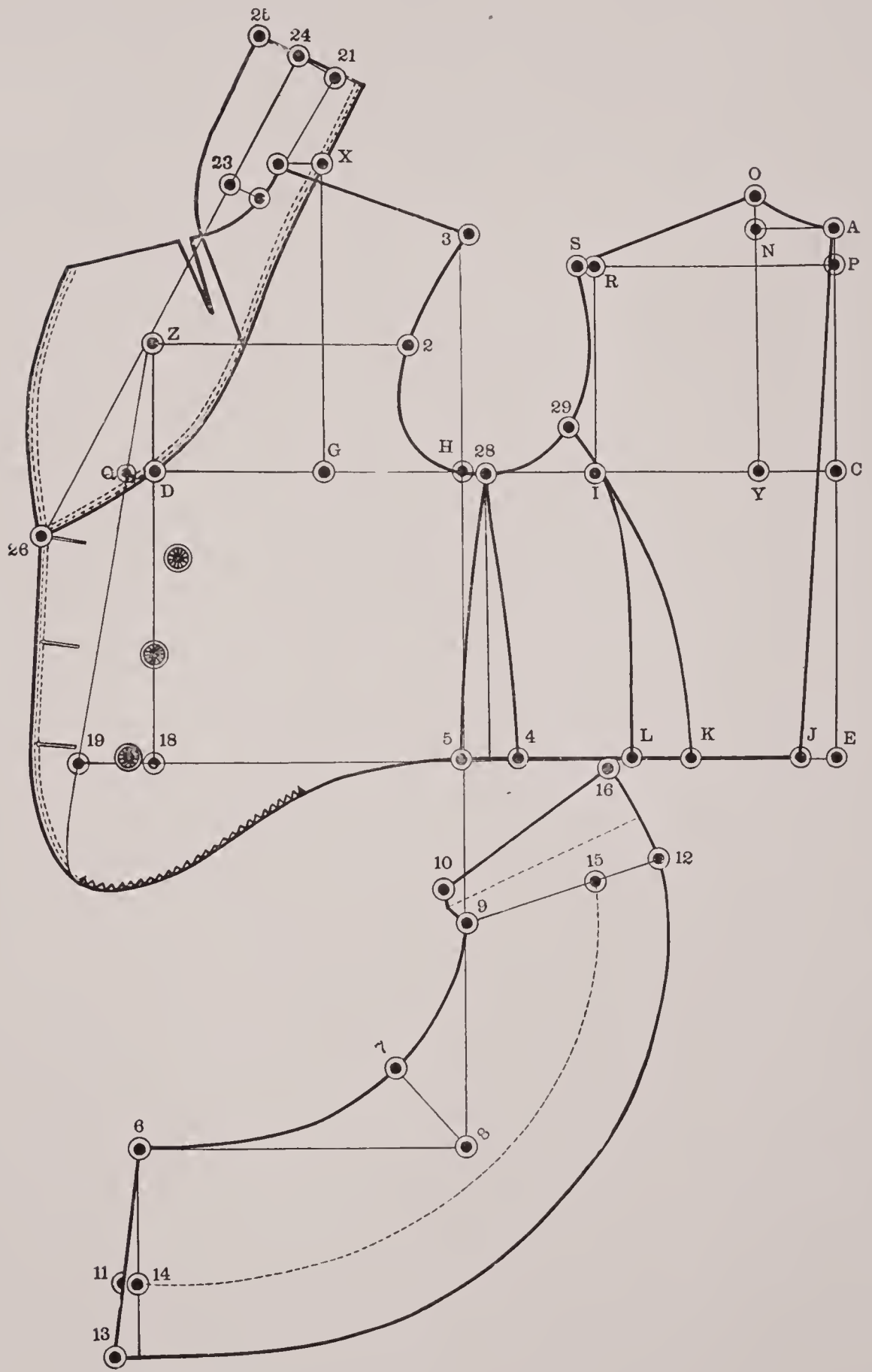
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Diagram 19.

RUSSIAN BLOUSE

DIAGRAM 20.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Follow Jacket Lessons Nos. 1 and 2, and part of No. 3 for box, shoulder height, back and gores. As will readily be seen, everything except the front, is like a regular Jacket.

2. From 7 to W is 6 inches, and from W to U, 3 inches. Shape waist line front from 6 to U.

   Now measure the hip same as in previous lessons, which gives, in this case, point 17; draw straight line down from U to 20. Shape bottom of garment from back, to point 20 as shown.

3. From 17 to 18 is 3 inches, and draw center front line through this point to 27 (27 is neck measure). From 17 go down 3 to 4 inches for the blouse effect, and shape blouse from 7 through 16 and add the desired shape on center front line, as diagram shows. The cut-out on lapel and front 27—21 is 1 inch. The V shape on neck curve front 9—8 is $\frac{3}{4}$ inch.

   At bottom of blouse where zig-zag shows, skins must be held in, or when skins are too thick cut out in V shape to hold in to give desired effect. The Storm Collar as described in Diagram 59 may be used for this blouse.

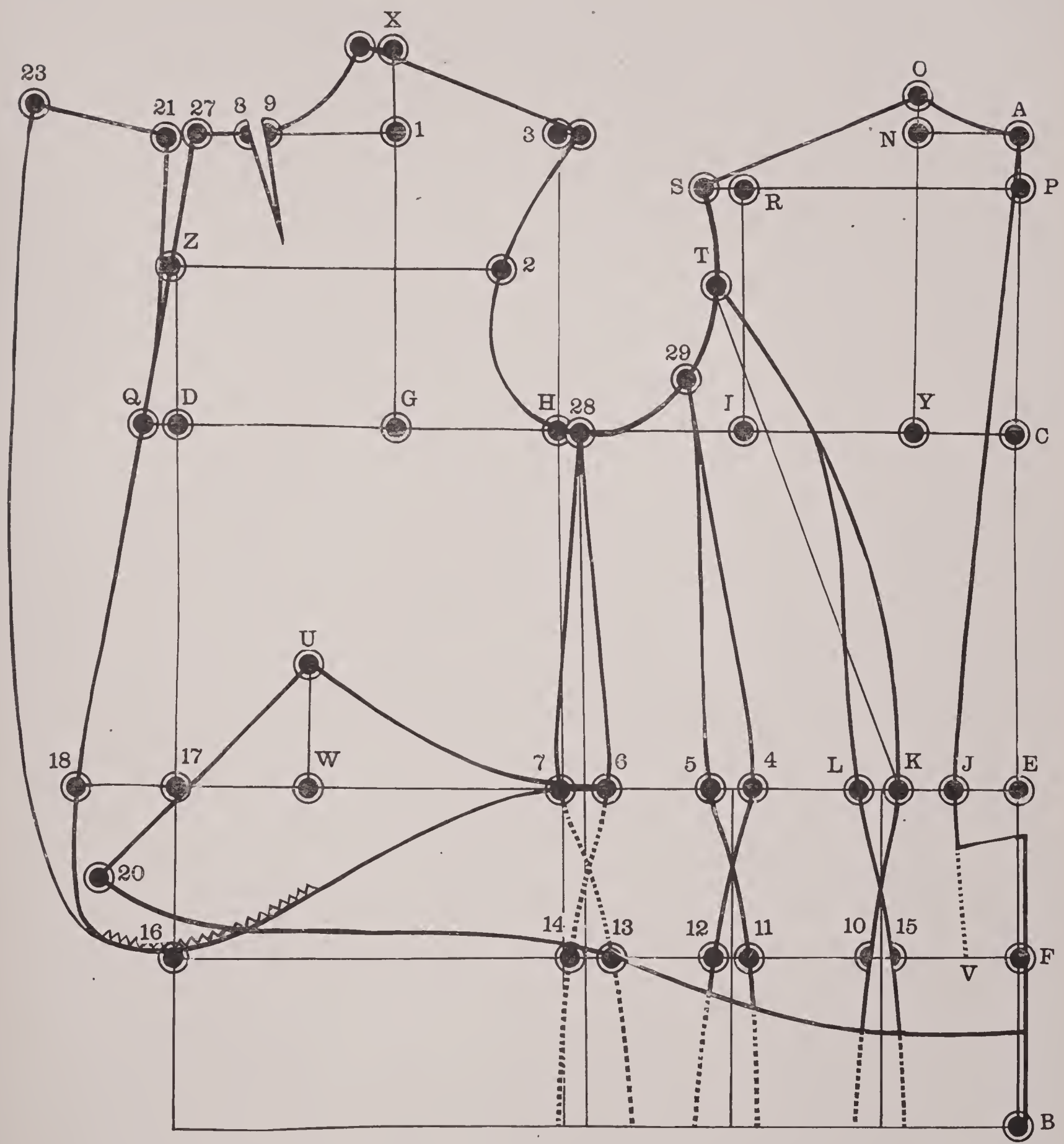
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Diagram 20.

ETON JACKET

DIAGRAM 21.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Follow Jacket Lessons Nos. 1 and 2 with the exception of the following:
2. E to J is 1 inch; J to K is 5 inches; K to L is $2\frac{1}{2}$ inches.

   Find center of K and L and draw guide line up slightly toward front and shape back from J to A and K to 28, and front L to 28.

   From front line to 18 is $1\frac{1}{2}$ inches and draw line through Q from 6 giving center of front line. Between 8 and 9 is 2 inches for dart; shape same as shown. Draft bottom of Eton as diagram shows, or any other shape desired. To make Eton double breasted add 2 inches to center front line and go back $1\frac{3}{4}$ inches for button stand.
3. NOTCH COLLAR: To obtain collar and lapel measure 1 inch from deepest point of neck line and draw straight line from first button 26 to 24. Go in $\frac{1}{4}$ inch from shoulder point front and draft line from neck curve through just given points. The distance from line X to 21 is neck curve back A—O. Placing square on line 26—24 draw line from 21 through 24 to 25. Draft under collar from 25 through 27 to any shape desired; shape collar and lapel as diagram shows, allowing $\frac{1}{2}$ inch from point 21 for spring of collar. The collar is cut through as dotted line shows $1\frac{1}{2}$ inches, allowing for spring. Now break line 26—24 by turning paper under and trace lines of lapel to front, giving shape as shown. Now place a separate piece of paper under collar and trace out according to drawing.

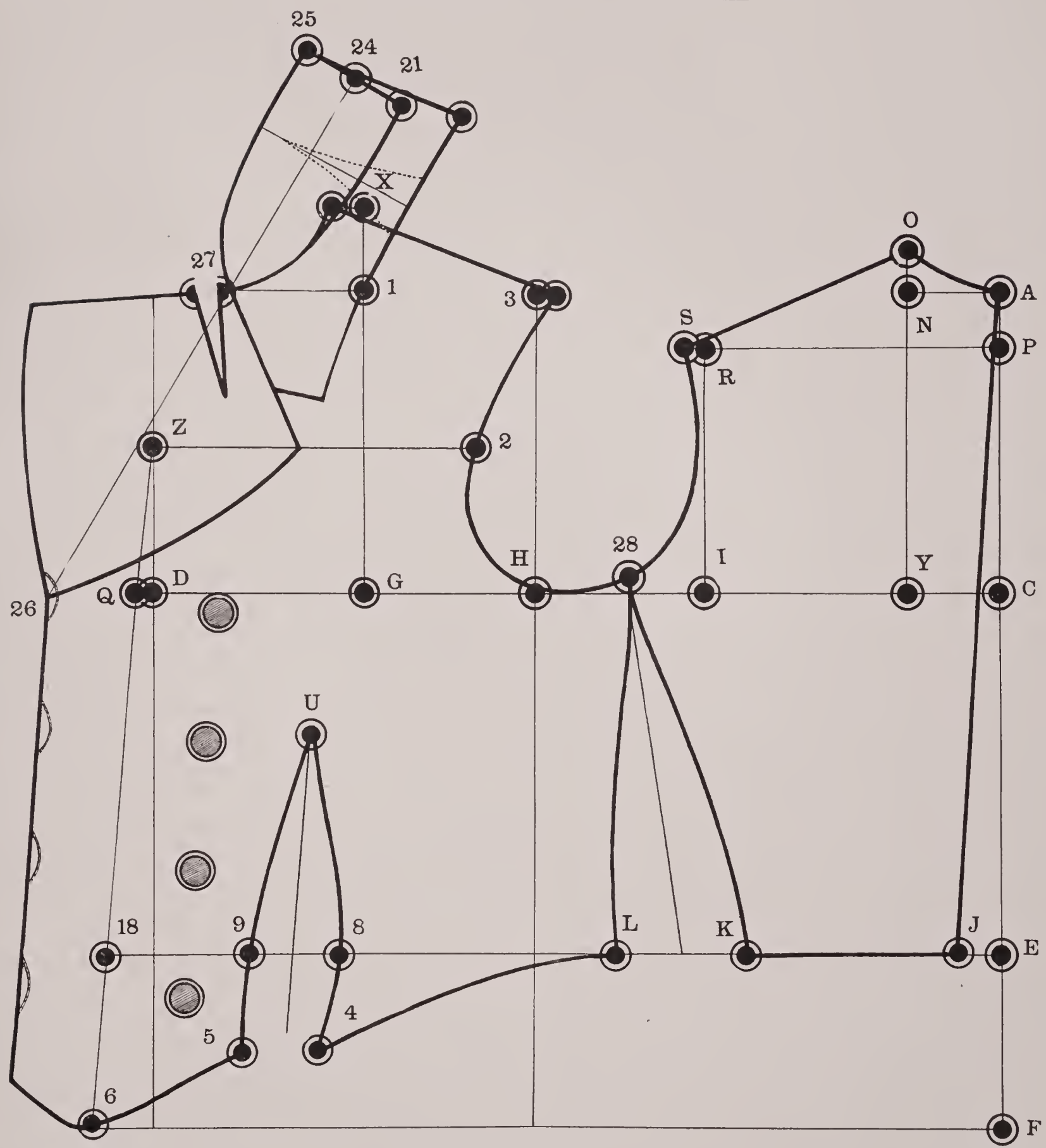

Diagram 21.

BOX COAT WITH FRENCH SEAMS

DIAGRAM 22.

MEASURES.

Bust,	38	inches	Across Back,	14	inches
Waist,	26	inches	Underarm,	9	inches
Hips,	44	inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$	inches
Across Chest,	15	inches	Shoulder Heights Back,	$8\frac{1}{4}$—6	inches
Neck,	$16\frac{1}{2}$	inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$	inches

INSTRUCTIONS.

1. Follow instructions in Lessons Nos. 1 and 2.
2. E to J is $\frac{3}{4}$ inch, straight back without seam. J to K is $1\frac{1}{4}$ inches; K to L is 1 inch. All other proportions are the same as in previous lessons with exception of dart and back, which is cut through to shoulder as diagram shows.
3. Any desired length may be made as fashion dictates.
4. Collar is described in Lesson No. 4.

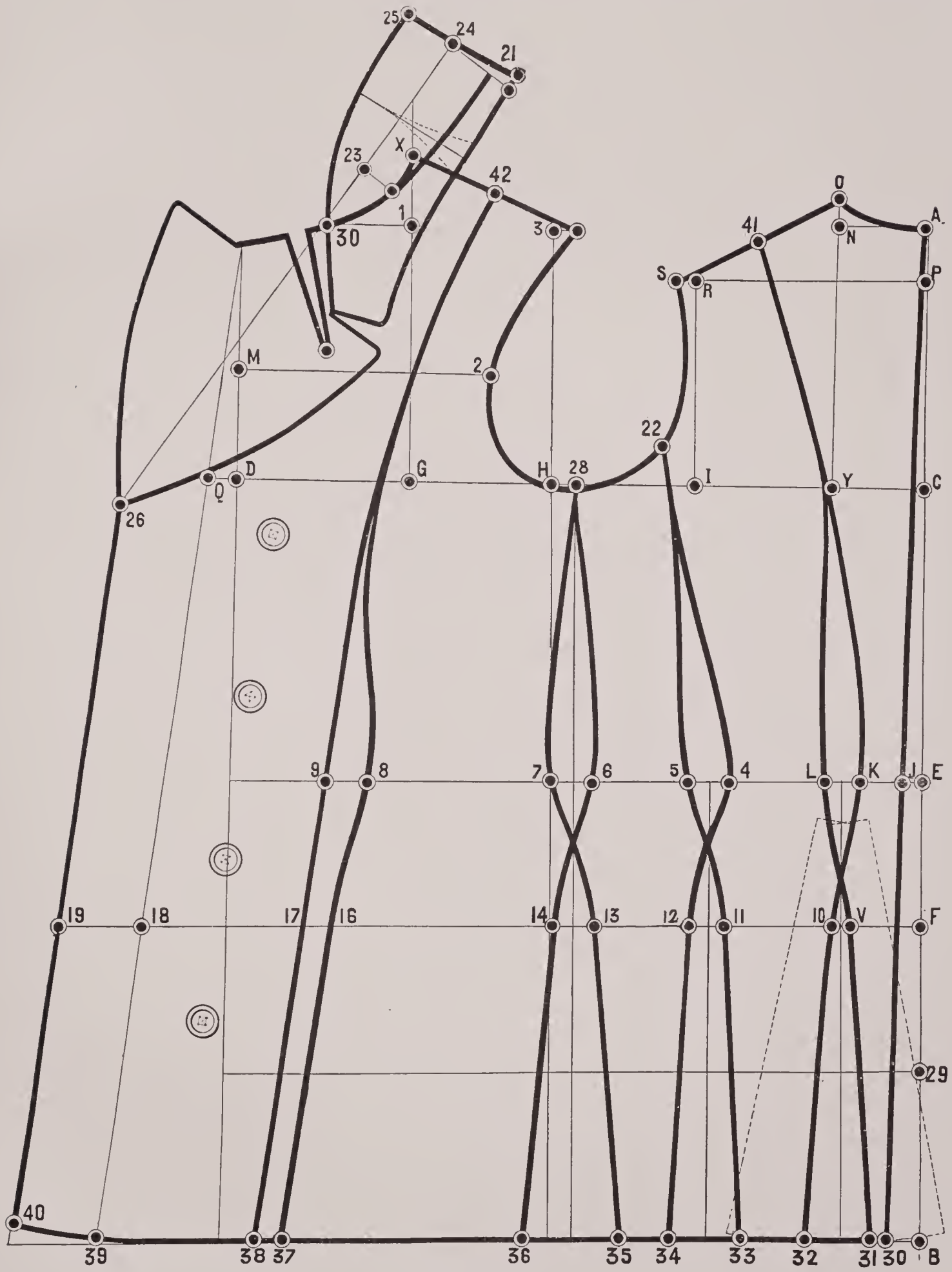
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DIAGRAM 22.

LOOSE BOX COAT

DIAGRAM 23.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Follow Lessons Nos. 1 and 2.
2. F to 31 is 1 inch; connect 31 with A, straight up and down.
3. The back and gore must be equally wide, $\frac{1}{2}$ inch is taken out between K—L and $\frac{3}{4}$ inch between 6—7. The amount lost between gores is $1\frac{1}{4}$ inches; the remainder, between E and 7, is to be divided into back and gore. This rule applies to all sizes.
4. Between 6 and 7 and L—K draw straight line down, and allow between V—10 and 14—13, 1 inch, and shape back and gore as shown.
5. Front of jacket is the same as described in Lesson No. 4.

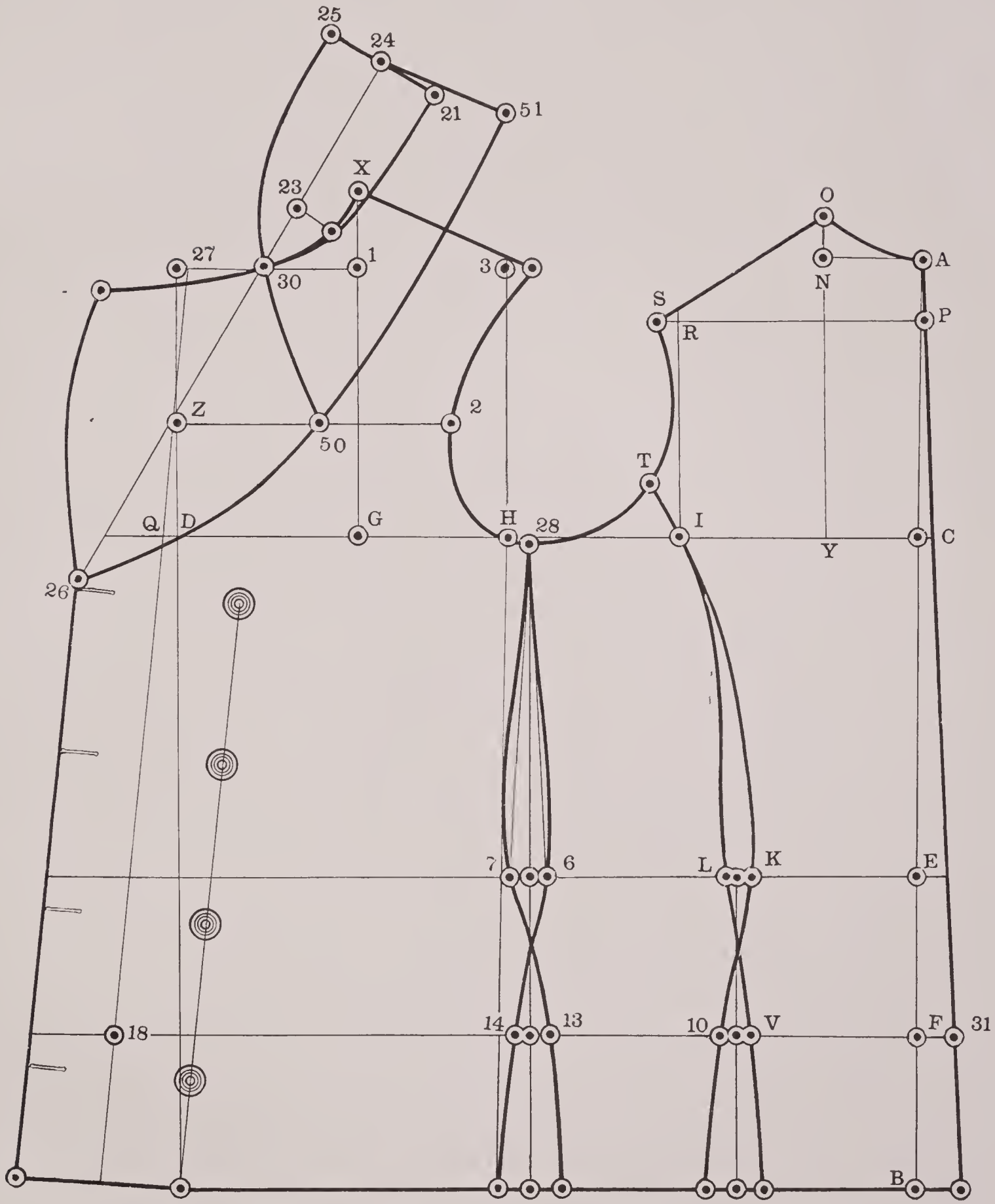
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Diagram 23.

THREE-QUARTER BOX COAT

Diagram 24.

MEASURES.

Bust,	38	inches	Across Back,	14	inches
Waist,	26	inches	Underarm,	9	inches
Hips,	44	inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$	inches
Across Chest,	15	inches	Shoulder Heights Back,	$8\frac{1}{4}$—6	inches
Neck,	$16\frac{1}{2}$	inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$	inches

INSTRUCTIONS.

1. Follow instructions of Loose Box Coat with the following changes:
2. Waist: E to J is $\frac{1}{2}$ inch; J to K is 4 inches; K to L is $\frac{3}{4}$ inch; L to 6 is 4 inches; 6 to 7 is 1 inch.

   B to 31 is $\frac{1}{2}$ inch; connect 31—J—C and A. All other points are the same as Loose Box Coat.

   Collar same as described for jacket, in Lesson No. 4.

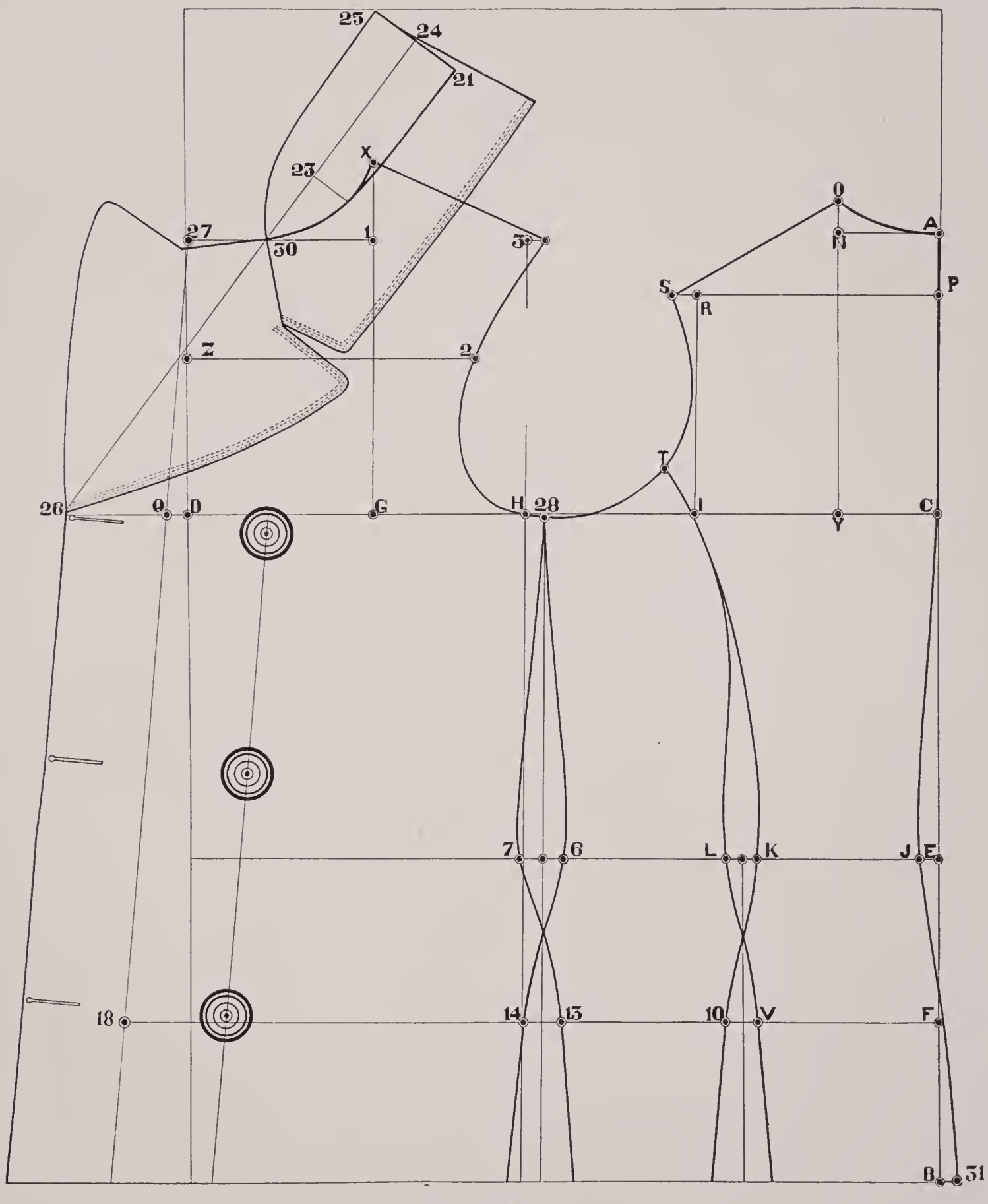
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Diagram 24.

MONTE CARLO

DIAGRAM 25.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. For description of box, shoulder heights and front use Lessons Nos. 1 and 2.
2. From F to J is $1\frac{1}{2}$ inches; connect J with A, which is back line.

   Draw a straight line down from point 28 and make distance from L to K $1\frac{1}{2}$ inches. A line drawn through these points to 28 gives underarm seam.

   COLLAR: This collar is a large sailor collar, and is produced as follows: place shoulder seam of back on front shoulder and mark neck curve as shown, and 5 inches of back line T—W. Square point M on line W—T, and shape front of collar to any desired shape.

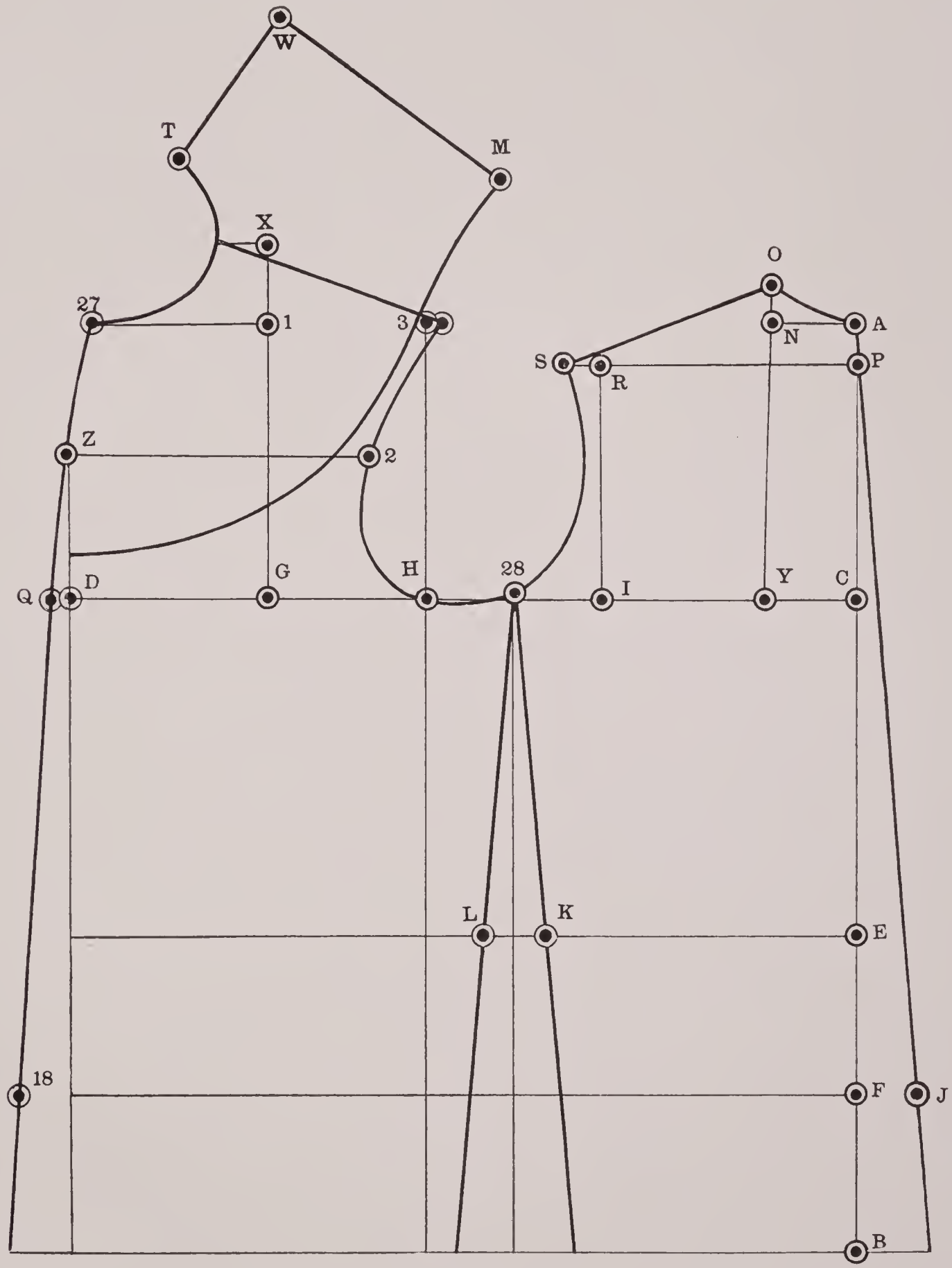

Diagram 25.

RAGLAN, THREE-QUARTER BOX COAT

DIAGRAM 26.

MEASURES.

Bust,	38	inches	Across Back,	14	inches
Waist,	26	inches	Underarm,	9	inches
Hips,	44	inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$	inches
Across Chest,	15	inches	Shoulder Heights Back,	$8\frac{1}{4}$—6	inches
Neck,	$16\frac{1}{2}$	inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$	inches

INSTRUCTIONS.

1. The instructions are the same as the $\frac{3}{4}$ Box Coat and can be made with any desired collar.
2. To obtain the Raglan armscye, connect O with point T as guide line shows, and from line X to H do the same. Point 17 is $1\frac{1}{2}$ inches from 16, and point 22 is 1 inch from 19. Now connect shoulder points with armscye through just given points.

Sleeve Diagram on page 59.

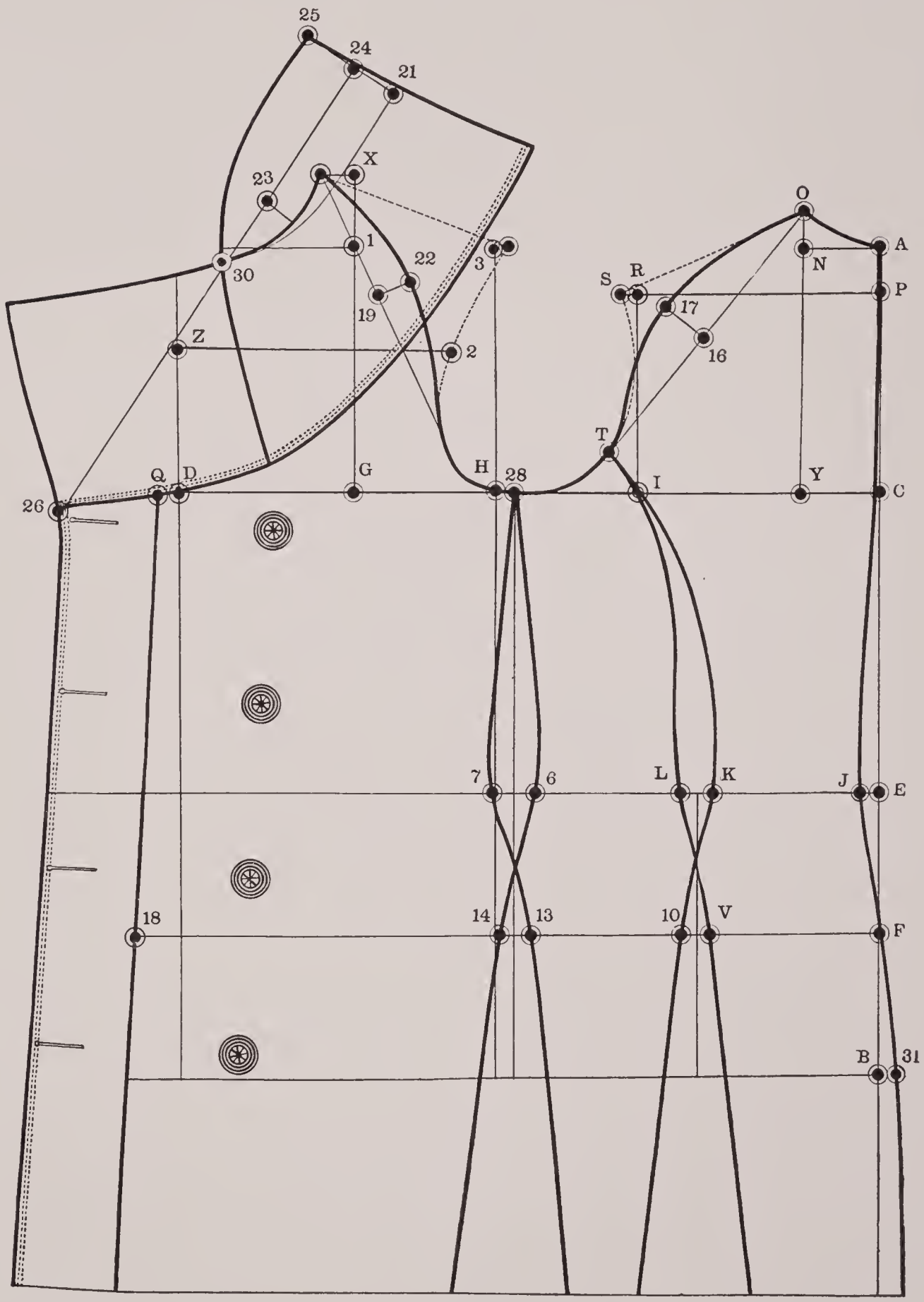
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Diagram 26.

SLEEVE FOR RAGLAN

Diagram 27.

INSTRUCTIONS.

1. The points in this diagram are the same as described on sleeve in Diagram 10, with the exception of armscye.
2. Point F is center of points M—S.
   N is 1 inch from F.
   N to O is $7\frac{1}{2}$ inches, length of shoulder plus 1 inch, in all cases the same.
   Draw guide line from I to O and P to O and shape armscye as shown in diagram.

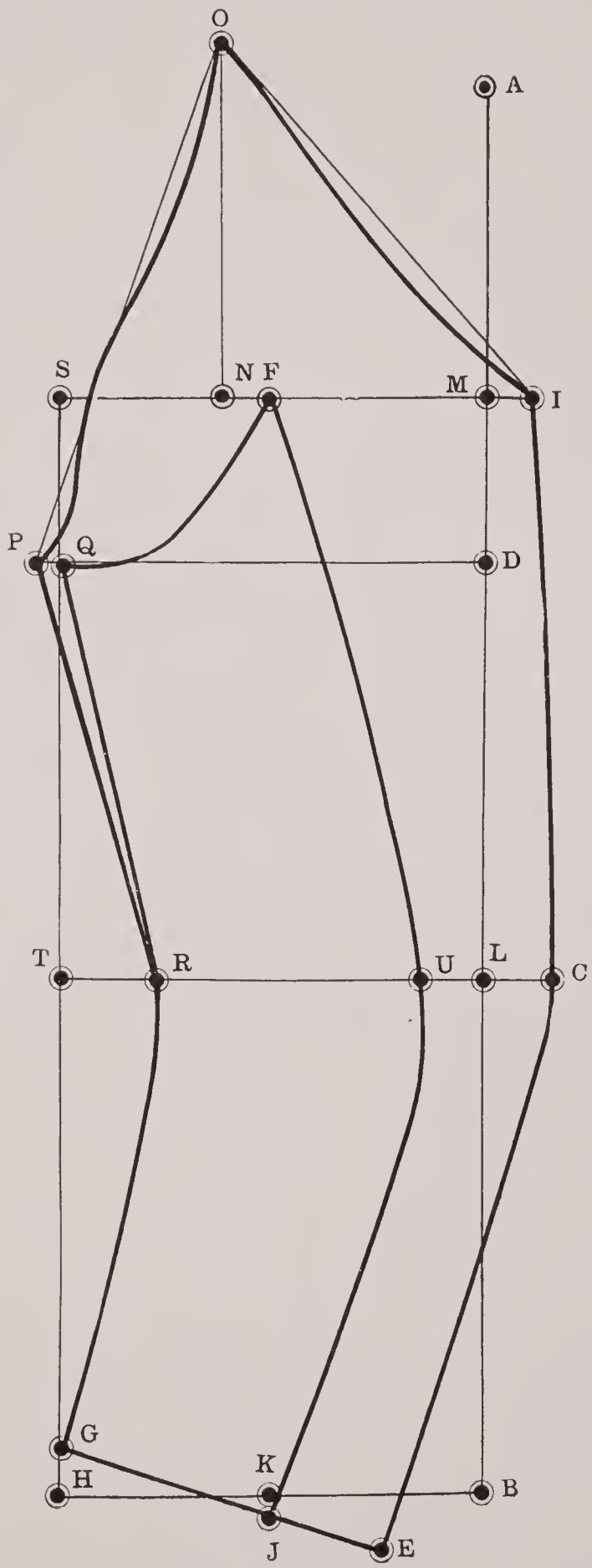

DIAGRAM 27.

ULSTER No. 1

DIAGRAM 28.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. This draft is made by cutting out any jacket, tight or loose fitting, to the second hip. Then draw box, with the exception of shoulder heights, as Lesson No. 1 explains; after notching the pattern at bust line, place notches on bust line of box and straight on line A—B as diagram shows; let point N be 6 inches below waist line and continue gores down straight to points S—W. Continue front line down straight to point V. Also note point X, which is 6 inches below waist line.
2. To get sweep at bottom of ulster, multiply bust measure 19 inches $2\frac{1}{4}$ times, giving $42\frac{3}{4}$ inches and measure this from V to S, W to B, and whatever is missing to make $42\frac{3}{4}$ inches measure $\frac{1}{3}$ of remainder from W to T and $\frac{2}{3}$ from S to C and shape straight up to gores as diagram shows.

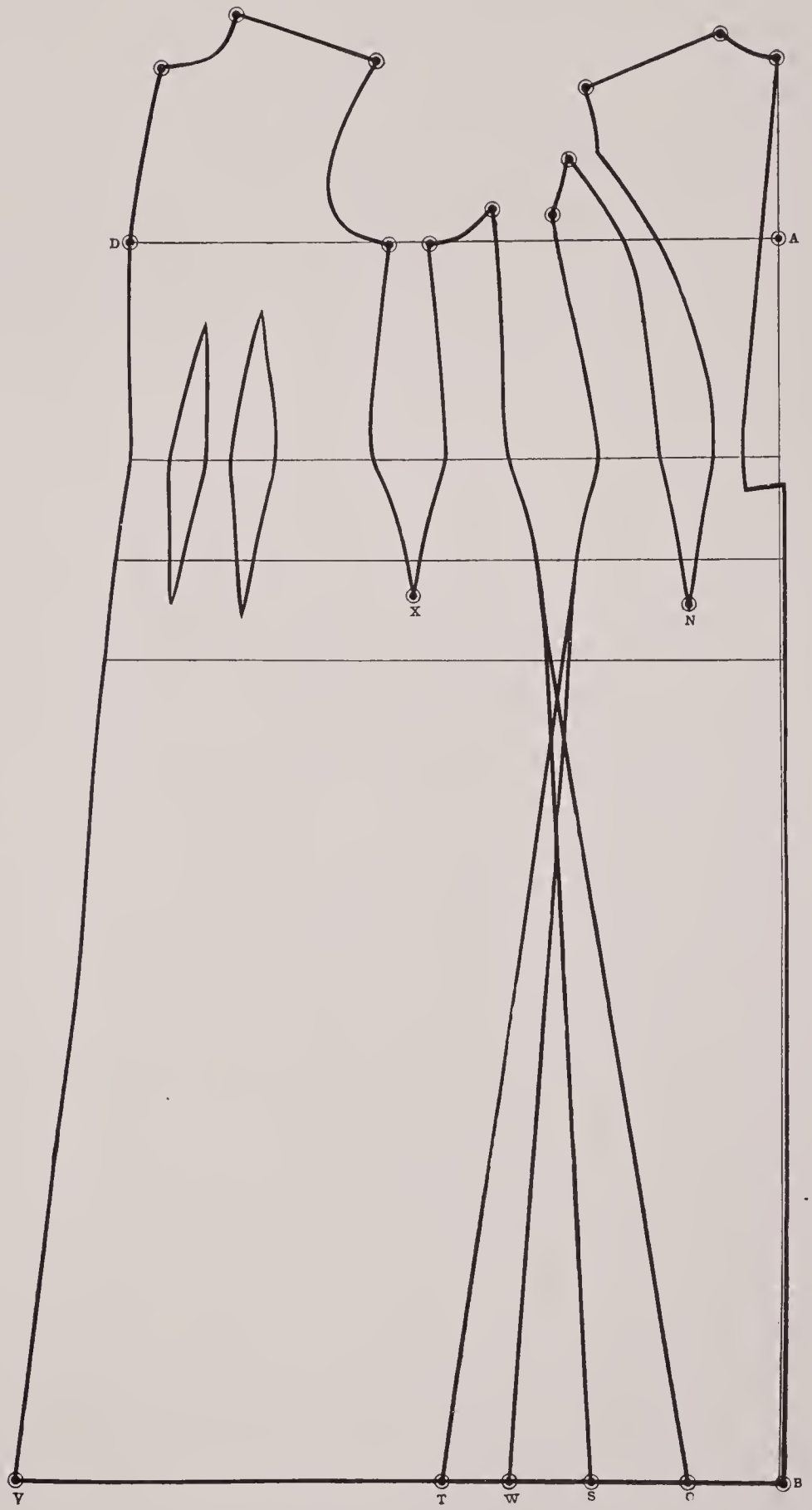

DIAGRAM 28.

ULSTER No. 2

DIAGRAM 29.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. The two gores in this draft are placed together, leaving back and front alone. Follow the same instructions as on Ulster No. 1, and note point N to be 6 inches below waist line.
2. Figure the sweep the same as Ulster No. 1, being careful always to let $\frac{2}{3}$ of remainder of sweep go toward back and $\frac{1}{3}$ toward front. Diagram shows same.

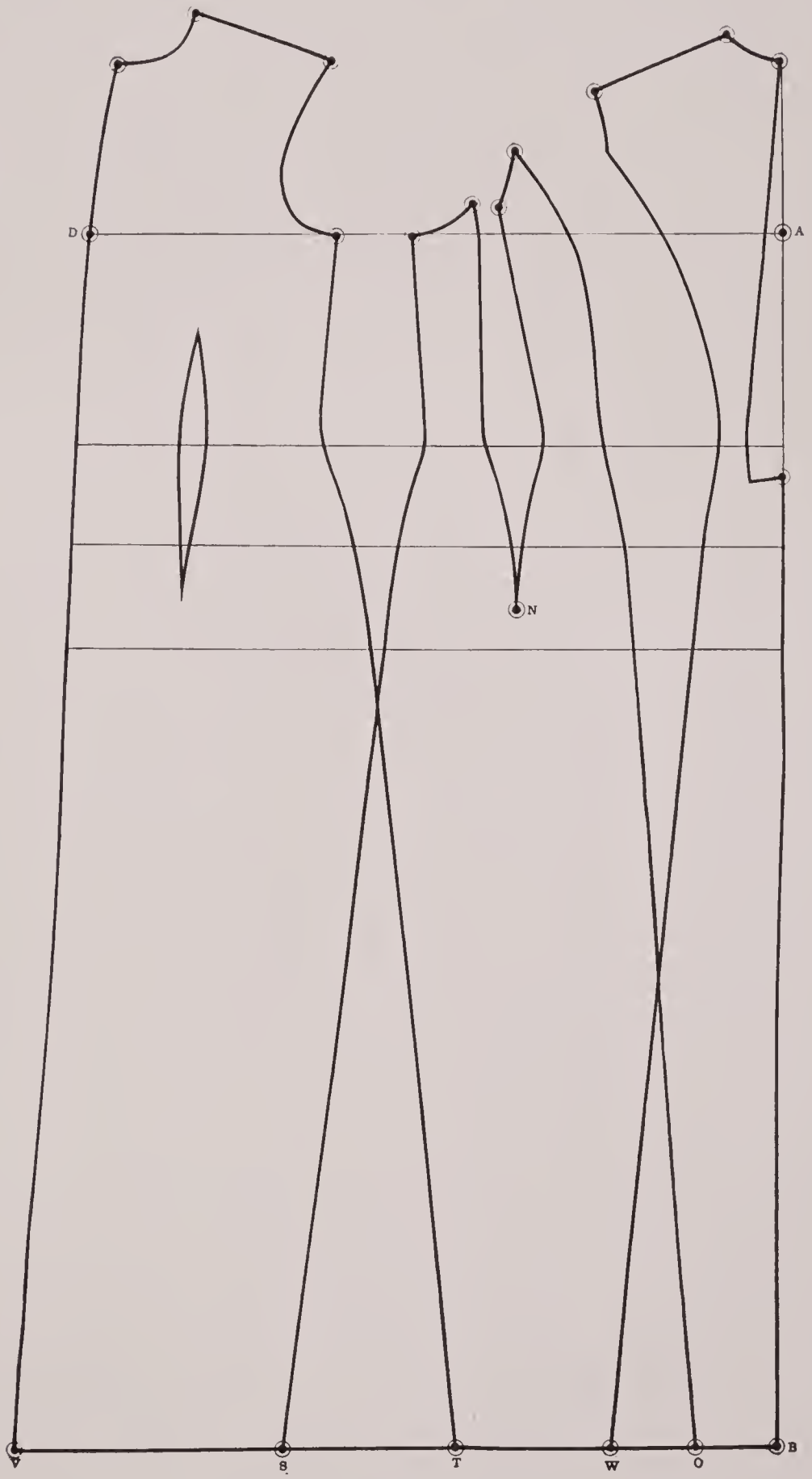

DIAGRAM 29.

PRINCESS DRESS

Diagram 30.

MEASURES.

Bust,	38 inches	Across Back,	13 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. The draft is already explained in the preceding lesson, with the exception that back and back gore are separate. A garment of this kind is always cut with a large flare and a train, but diagram only shows little flare. Use the same rules in getting sweep as Ulster No. 1.

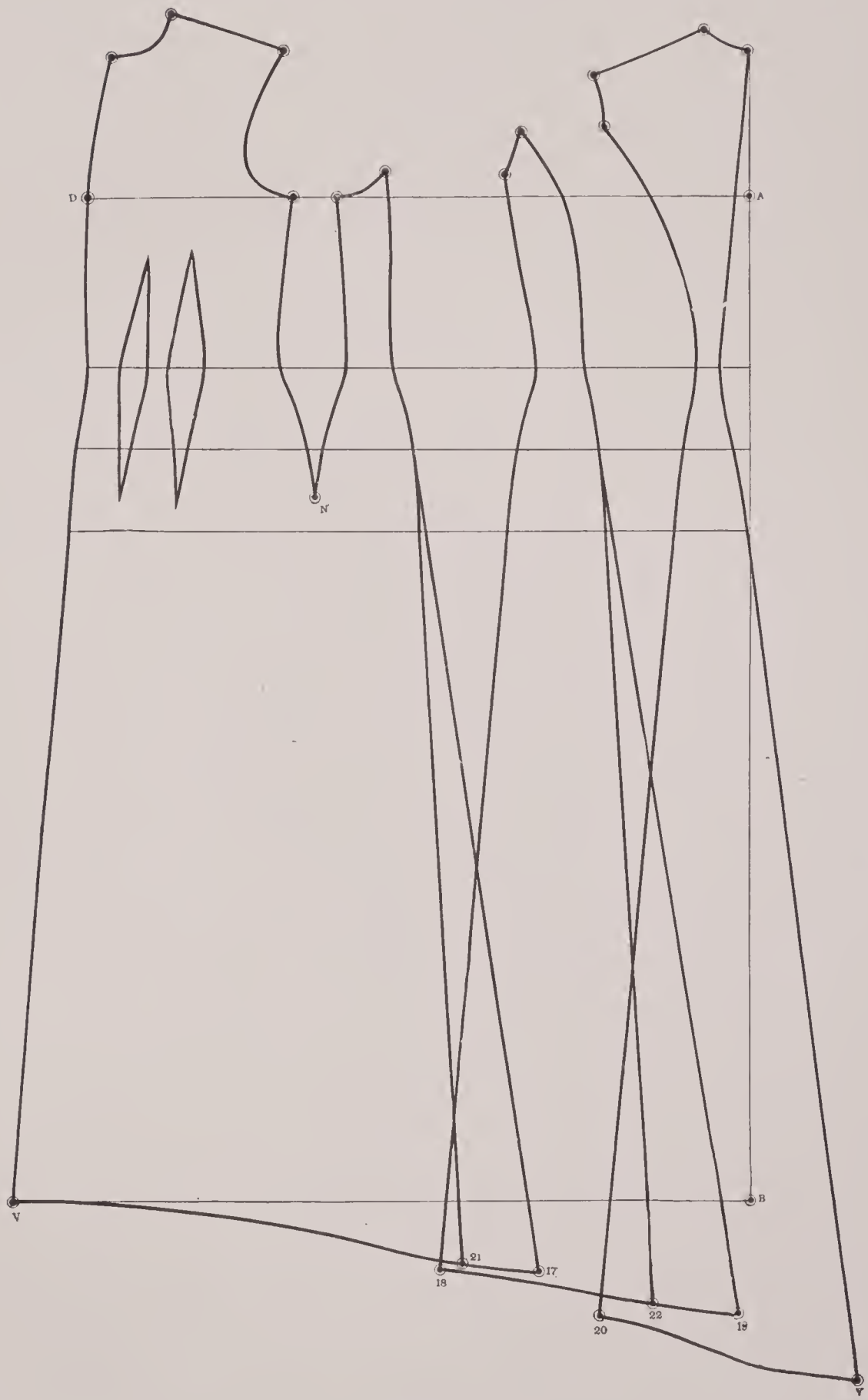

DIAGRAM 30.

ULSTER WITH SEPARATE SKIRT

DIAGRAM 31.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches

INSTRUCTIONS.

1. Draft the same as tight fitting jacket to first hip, except back, which is straight down to full lengh of garment, 58 inches, to point 49. The back of this garment is always open and has a plait as shown.
2. Cut jacket through between waist and hip as shown 15—13 or any other shape desired.
3. SKIRT: Draw first and second hip lines, a continuation of box as shown. 35 to 41 is hip measure less back, distance 54—V. 36 to 41 is same measure as 15—54. From 36 to 35 is waist curve same as 15 to 13. At fullest part of hip take out a dart in V shape 2 inches 31—32 and make same about $4\frac{1}{2}$ inches deep, which seam is covered with a pocket, as diagram shows.
4. From 35 to 47 is a straight line coming slightly out at bottom. The sweep at bottom is $2\frac{1}{4}$ times bust measure, making same $42\frac{3}{4}$ inches. Measure $42\frac{3}{4}$ inches from 49 to 46; 47 to 50 which is the point given by measure. Connect 36 with 50 and add plait as shown 36—34 and 50—48. 36 to 50 is the length 15 to 46 and after obtaining this point, shape sweep from 50 to 47 as diagram shows.
5. COLLAR: Turn down collar. The rules are same as notch collars, with the exception of shape, which follows as diagram.

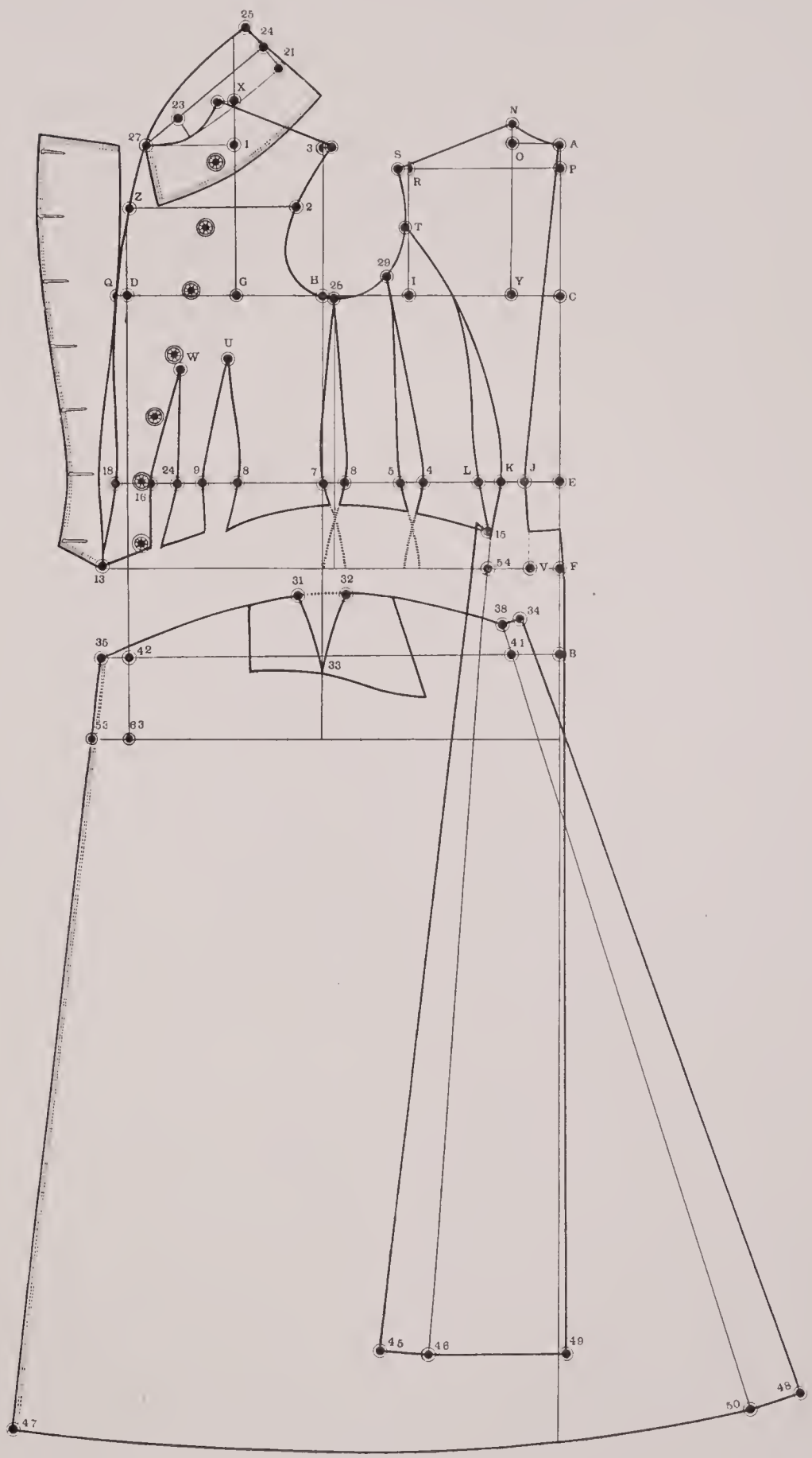
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DIAGRAM 31.

HOW DOLMAN MEASUREMENTS ARE TAKEN

Diagram 32.

MEASURES.

First Dolman: Take measure over arms, over fullest part of bust, as drawing shows, 1—2.

Second Dolman: Take measure from center of back, 2 inches above waist to elbow of lady standing in an easy pose, 3—4.

Inside elbow to wrist: Take measure from elbow to wrist, 6—5.

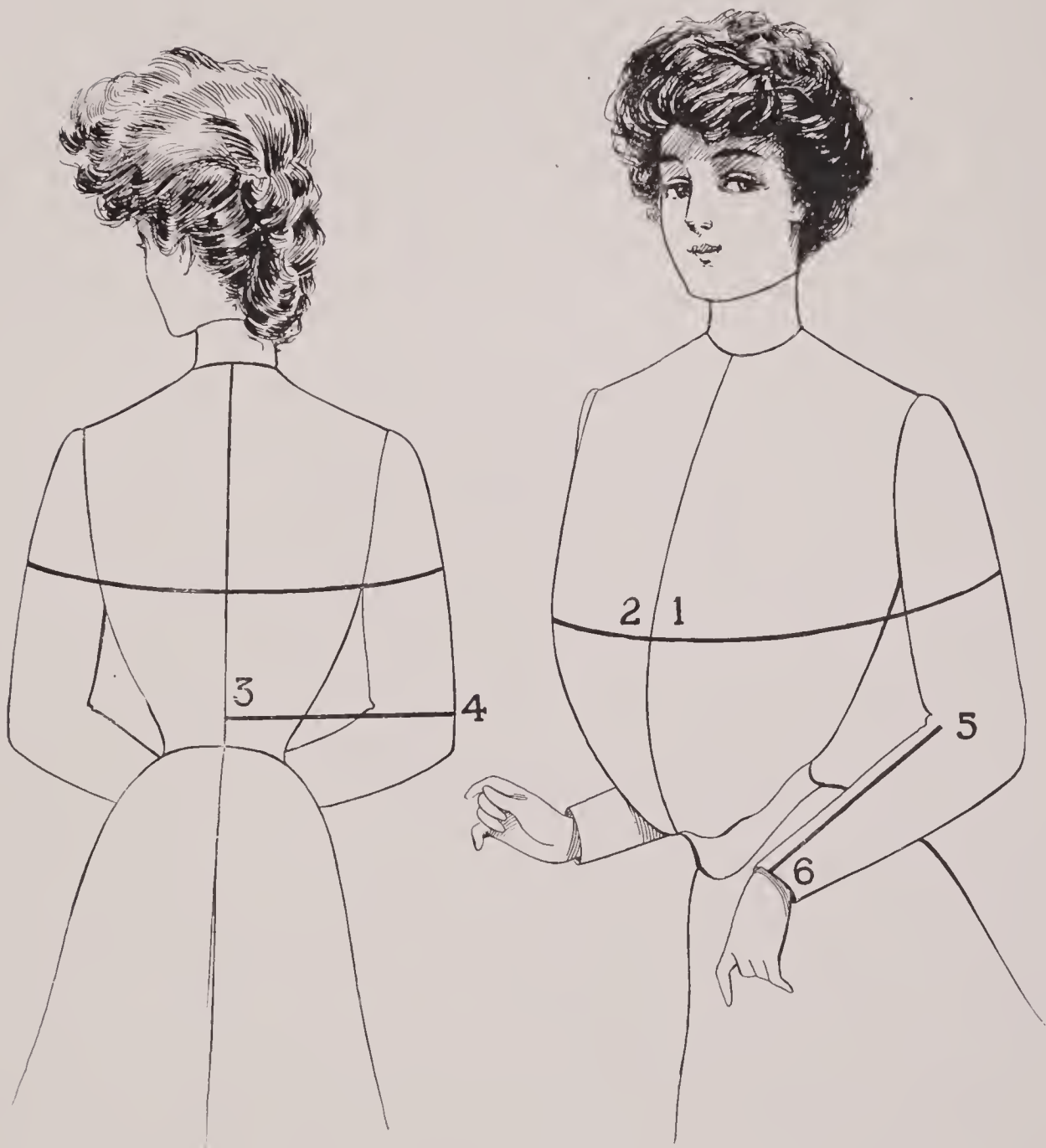

DIAGRAM 32.

OPERA CLOAK

DIAGRAM 33.

MEASURES.

Bust,	38	inches	Across Back,	14	inches
Waist,	26	inches	Underarm,	9	inches
Hips,	44	inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$	inches
Across Chest,	15	inches	Shoulder Heights Back,	$8\frac{1}{4}$—6	inches
Neck,	$10\frac{1}{2}$	inches	Length Back to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$	inches
1st and 2d Dolman,	46—$10\frac{1}{2}$	inches	Inside Elbow to Wrist,	$7\frac{1}{2}$	inches

INSTRUCTIONS.

1. Draw line A—B. C is first Dolman (measure overarm at bust.)
   C to A is $7\frac{1}{4}$ inches, length in back; E is waist; A to E is $15\frac{1}{2}$ inches; F and B, first and second hip measure, 4 inches.
2. Square line C—E—F—B on line A—B.
   C—D is 23 inches first Dolman; D to Q is $\frac{1}{2}$ inch allowance for breathing. Divide 19 inches, $\frac{1}{2}$ of bust measure, into quarters, which is $4\frac{3}{4}$ inches, and measure off from D to G.
   From G to H measure off $\frac{1}{8}$ of 19 inches plus $1\frac{1}{2}$ inches; namely, $3\frac{7}{8}$ inches.
   From C to I is $6\frac{1}{2}$ inches across back measure. Find center of I and H, which is point 7. Draw line up on 7 to T, which is $\frac{1}{4}$ of $\frac{1}{2}$ bust measure plus 1 inch; namely, $5\frac{3}{4}$ inches. Draw lines on H and D up and down, and up on I and G.
3. E to J is 1 inch. Draw line from J through C to M; M to C is 7 inches, length in back. C to P is $5\frac{3}{4}$ inches, second shoulder height back, and square off on line M—J.
   Measure from M to N $2\frac{1}{2}$ inches.
   From P to R is $6\frac{1}{2}$ inches, width of back; Y to O is 8 inches, second shoulder height in back; R to I is $5\frac{3}{4}$ inches, first shoulder height in back.
   From H to 3 is 7 inches, first shoulder height in front.
   G to X is 9 inches, second shoulder height in front.
   X to 1 is 2 inches. This varies according to size, more for larger, less for smaller sizes.
   Square point 1 to point 27 and intersect line at 3.
   Point W is 1 inch above bust line and 2 inches from line I; from line H is the same as point 4. Now connect M—O—R—W and W—T—4 to line 3.
   X to line 3 is same distance as O to R. Draft neck curve front X—27.
4. Hip measure is $21\frac{1}{2}$ inches; half of $21\frac{1}{2}$ is $10\frac{3}{4}$ inches; measure this from 17 to 18.
   Now draft front line 27—Q—18 to 47, which is length of garment. This is a perfectly straight line.
   In order to get length of garment in back, measure from M to 49, 58 inches, and square on line A—B as diagram shows.
5. In order to get the minimum fullness of garment at bottom multiply bust measure, 19 inches, by $2\frac{1}{4}$, which gives $42\frac{3}{4}$ inches; measure this from 47 to 48.
   Now draft a nicely shaped line from J to 48 as shown.
   Sweep at bottom 48 to 47 is slightly curved. This completes garment.

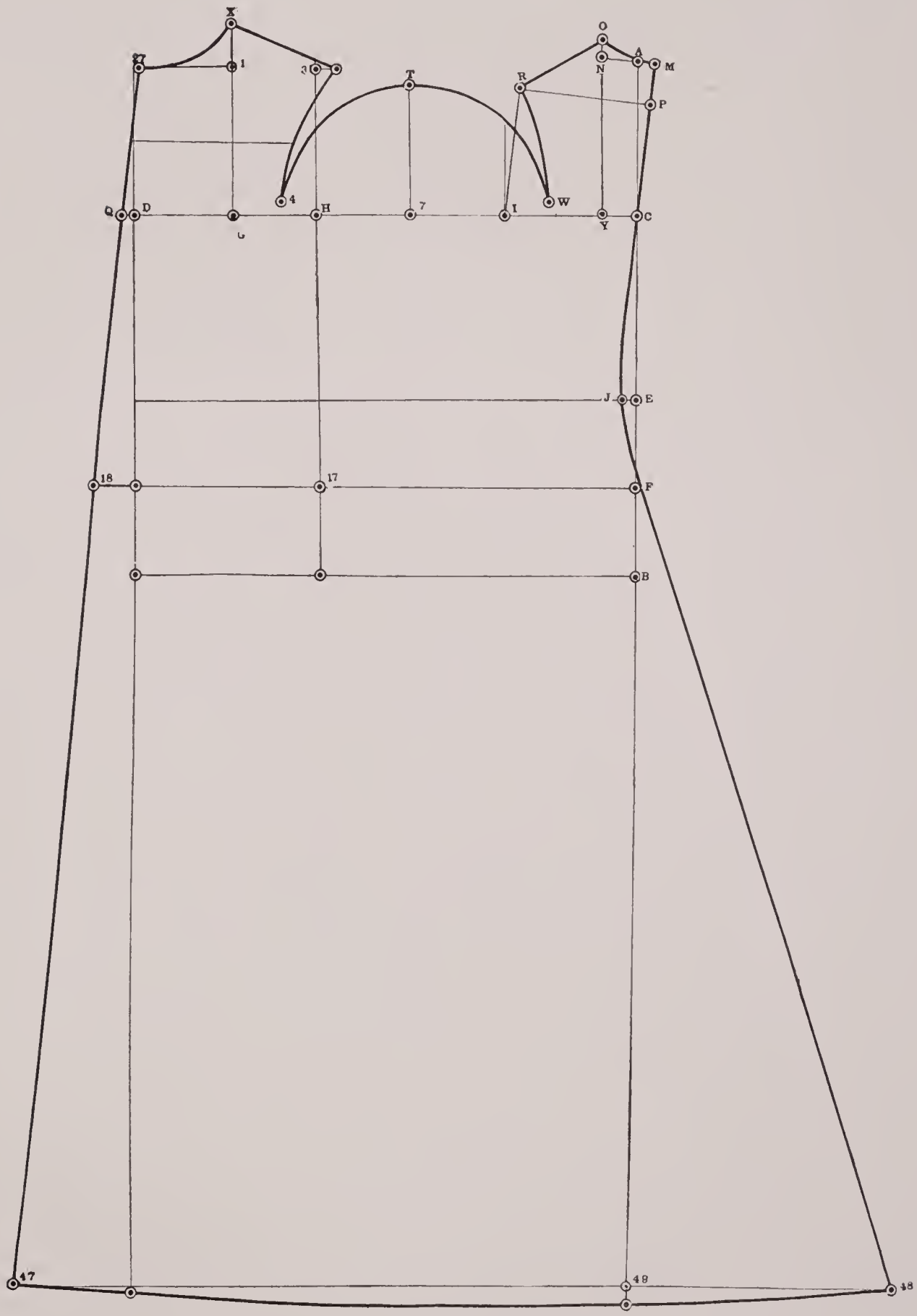

Diagram 33.

ULSTER WITH DOLMAN SLEEVE

DIAGRAM 34.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Neck Height to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches
Length Waist in Front,	8—18 inches	1st and 2d Dolman,	46—$10\frac{1}{2}$ inches
Inside Elbow to Wrist,	$7\frac{1}{2}$ inches		

INSTRUCTIONS.

1. Use same construction lines as on Opera Cloak on previous page.

   Follow instructions of Jacket Lesson No. 4 for back, with the exception from J to K, which is 2 inches, and draw line up from K to S. This is called Dolman back.

   A to 49 is 58 inches, full length of garment. For plaits in back follow our diagram.

2. The first Dolman is 23 inches; use this measure to get point Z, by placing your measure at D and measure to Z, less 7 inches across back measure. Find center of H—Z, namely 7, and go up to T, which is $\frac{1}{8}$ of bust, plus 1 inch, $5\frac{3}{4}$ inches. Z to 2 is same distance as W—I.

3. 4 is $1\frac{1}{2}$ inches above bust line and $1\frac{1}{2}$ inches from line H. The shoulder height and neck front are same as in Lesson No. 4. Front line is same as Opera Cloak lesson.

4. Second Dolman is always 2 inches above waist line point 26. Second Dolman measure is $10\frac{1}{2}$ inches; 26 to 6 is $10\frac{1}{2}$ inches, less back 19—16. Now connect 6—2—T—4 and to line 3.

5. From 6 draw line to 48, which is $2\frac{1}{2}$ times 19 inches bust measure, less back. Follow diagram for plaits on this line, same as on back.

   Sweep same as in previous lesson, Ulster No. 1.

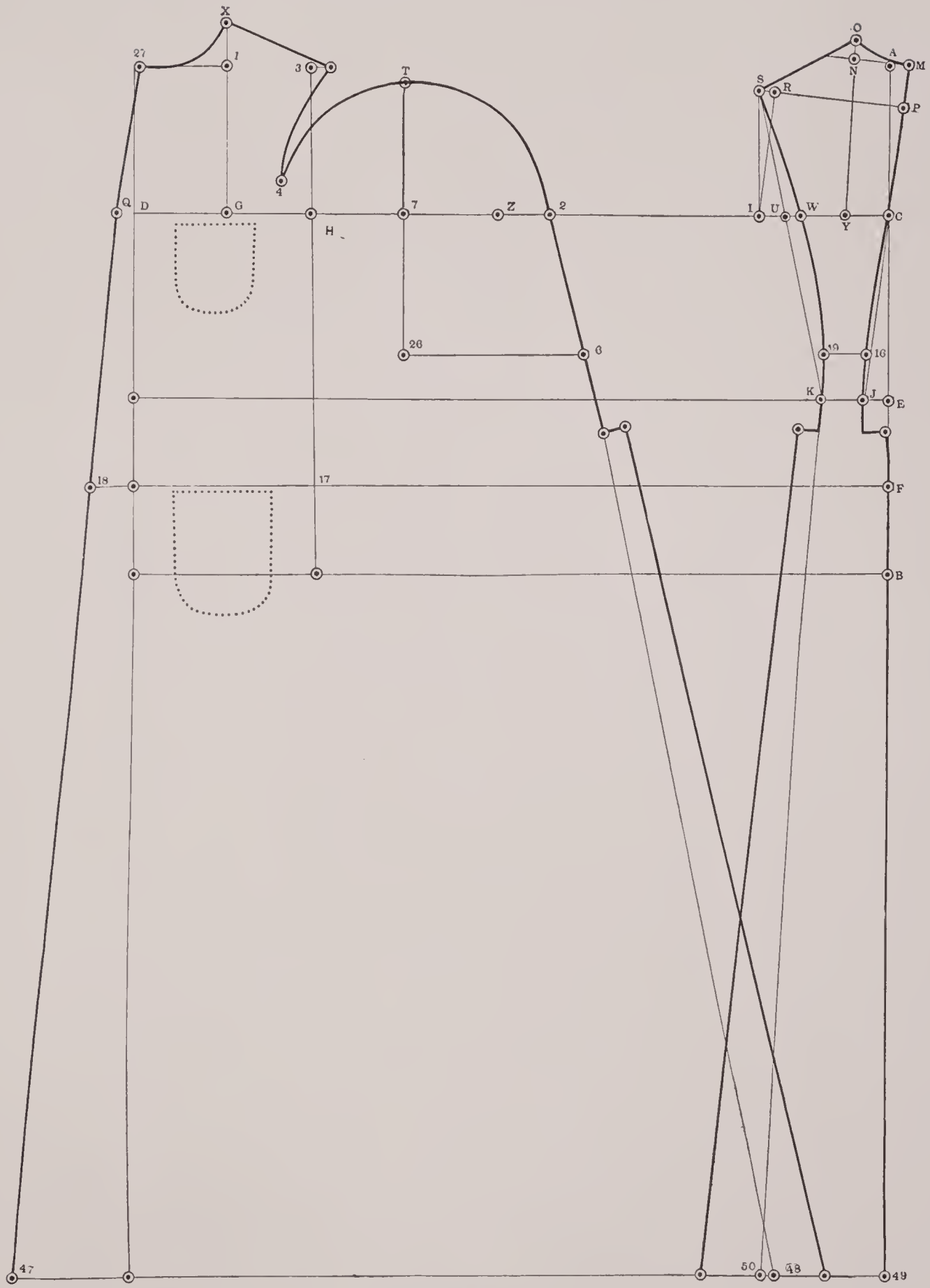
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Diagram 34.

FICHU No. 3

DIAGRAM 35.

MEASURES.

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Neck Height to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches
Length Waist in Front,	8—18 inches	1st and 2d Dolman,	46—$10\frac{1}{2}$ inches
Inside Elbow to Wrist,	$7\frac{1}{2}$ inches		

INSTRUCTIONS.

1. Follow instructions as on Opera Cloak Lesson No. 1, with exception of following points:
2. A to C is straight; E to J is $\frac{3}{4}$ inch, and shape back as shown.

   2 to Z is 3 inches, and shape bottom of Fichu as shown from F through Z to L on front line, or any desired shape.

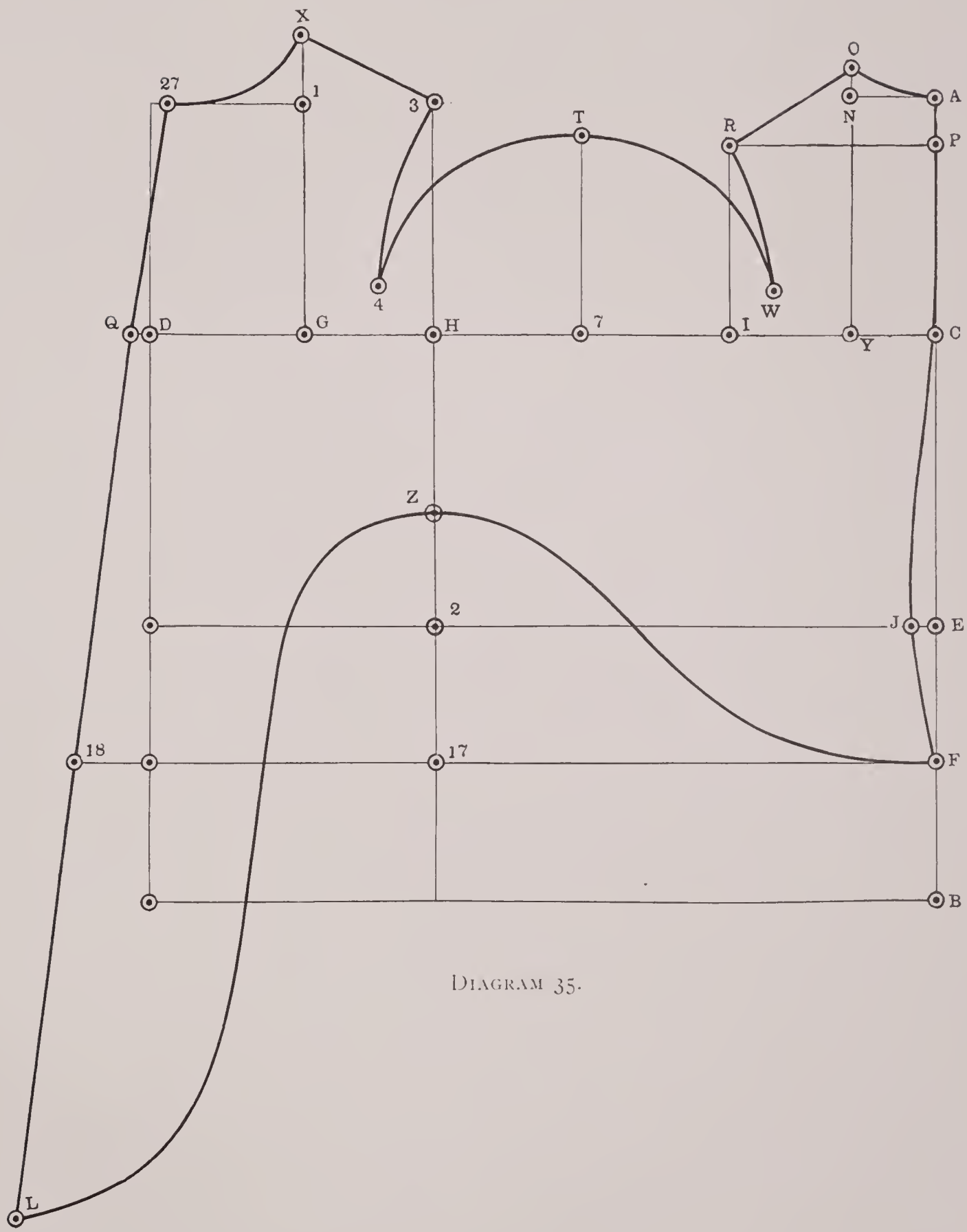

DIAGRAM 35.

FUCHU No. 4

Diagram 36.

MEASURES

Bust,	38	inches	Across Back,	14	inches
Waist,	26	inches	Underarm,	9	inches
Hips,	44	inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$	inches
Across Chest,	15	inches	Shoulder Heights Back,	$8\frac{1}{4}$—6	inches
Neck,	$16\frac{1}{2}$	inches	Neck Height to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$	inches
Length Waist in Front,	8—18	inches	1st and 2d Dolman,	46—$10\frac{1}{2}$	inches
Inside Elbow to Wrist,	$7\frac{1}{2}$	inches			

INSTRUCTIONS.

1. Follow instructions of Dolman No. 2.
2. For plaits follow our diagram closely.
3. Curve from E to Z, which is 3 inches above waist line, same as Fichu No. 3, with the difference of shape in front.

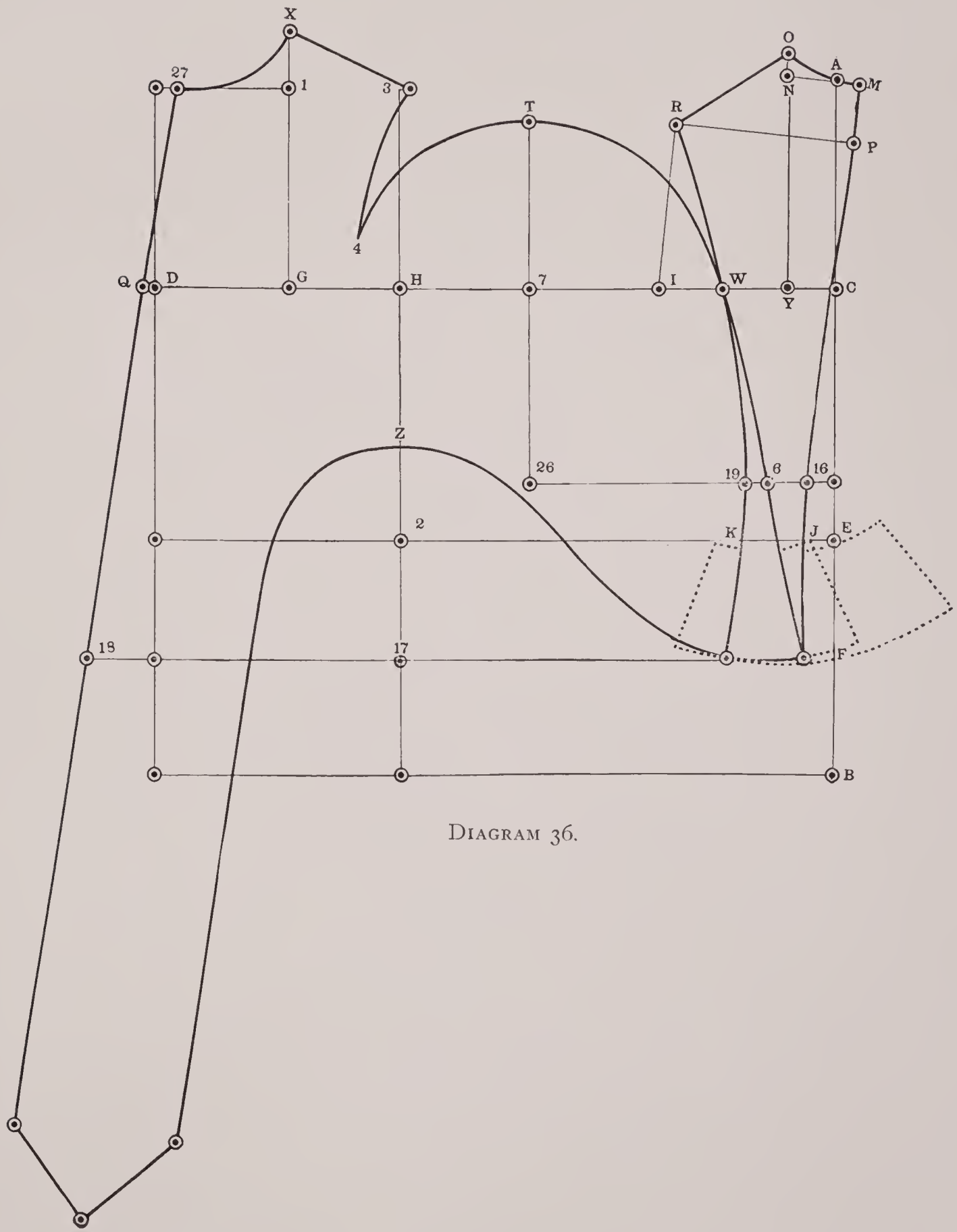

Diagram 36.

DOLMAN No. 5

Diagram 37.

MEASURES

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Neck Height to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches
Length Waist in Front,	8—18 inches	1st and 2d Dolman,	46—$10\frac{1}{2}$ inches
Inside Elbow to Wrist,	$7\frac{1}{2}$ inches		

INSTRUCTIONS.

1. Follow instructions of Dolman No. 2 for construction lines back and front. Measure hip the same to obtain 18.

   Now measure D to H on bust line, which in this case is $8\frac{5}{8}$ inches; deduct this from Dolman 23 inches, and measure balance, $14\frac{3}{8}$ inches, from C to Z on bust line. Divide Z and I into half for point 7 and go up to T $5\frac{3}{4}$ inches, which is $\frac{1}{4}$ of bust plus 1 inch; go down from 7 to 26 to 2 inches above waist line, giving second Dolman point.

2. Draw second Dolman line from 26 to 16. Measure 16—19 width of back 2 inches; $10\frac{1}{2}$ inches, second Dolman, minus 2 inches leaves $8\frac{1}{2}$ inches, which is measured from 26 to point 6. From H to 4 is a loss of 1 inch; this inch is made up by going from Z to 35 toward front.

   Inside sleeve from elbow to wrist is $7\frac{1}{2}$ inches; this is measured from 36 to U, the same from 2 to V. U to L is a straight line down; L to 13 is 1 inch. Now connect line U—13 and 15. From U to 15 is 16 inches, length of sleeve.

   Now draft curve starting at 6 to W through T—35 and U. From 6 to S is a slight curve backwards. Connect S with 15 as shown.

   Now connect V with 47 as shown, and V—4 up to shoulder front.

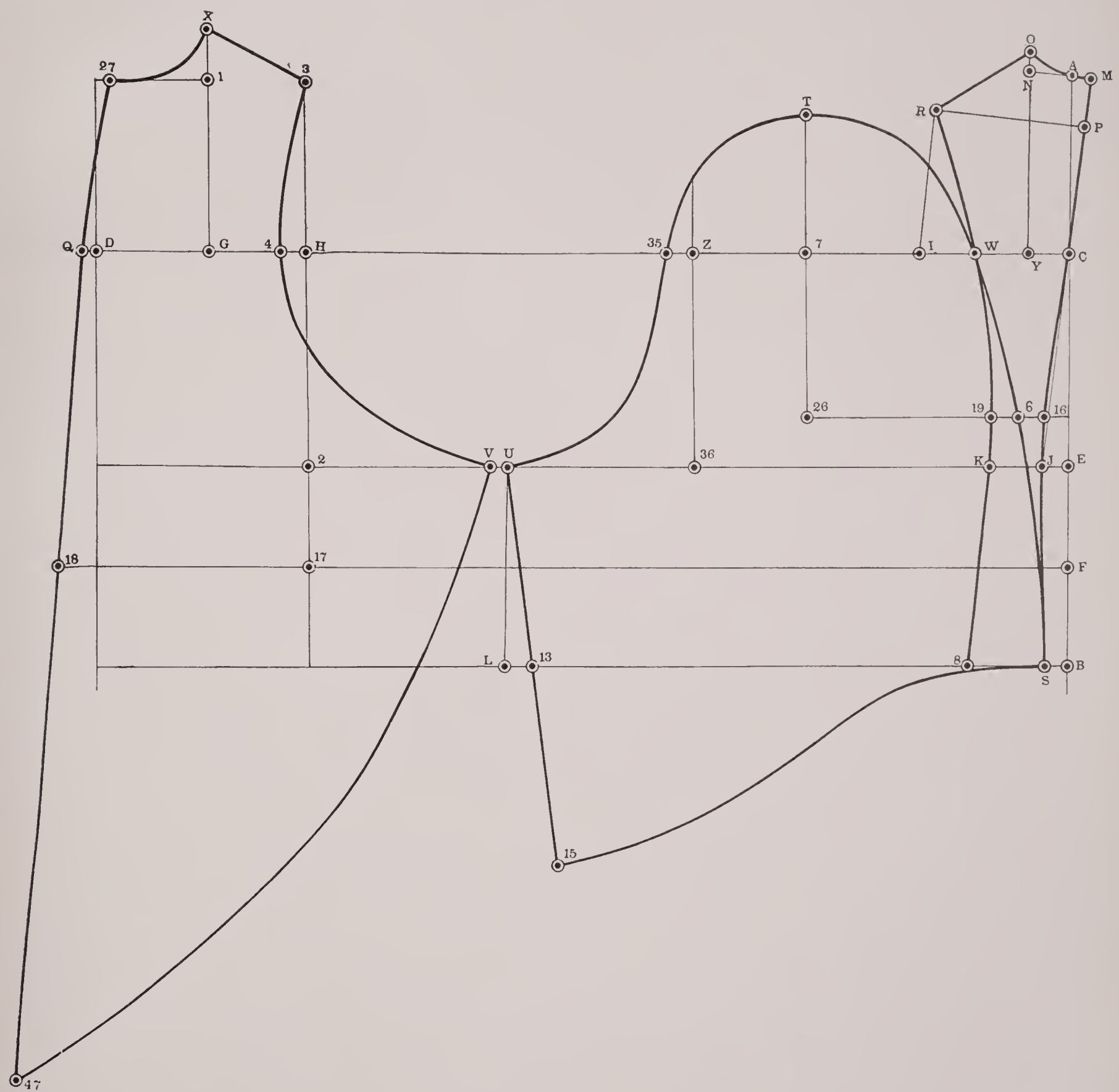
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DIAGRAM 37.

DOLMAN No. 6

Diagram 38.

MEASURES

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Neck Height to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches
Length Waist in Front,	8—18 inches	1st and 2d Dolman,	46—$10\frac{1}{2}$ inches
Inside Elbow to Wrist,	$7\frac{1}{2}$ inches		

INSTRUCTIONS.

1. Follow instructions of Dolman No. 5 and note the change of back. E to J is 1 inch. Point W is $1\frac{1}{2}$ inches from line R—I and bust line.
2. From 35 to 11 is $\frac{1}{4}$ inch; now draw line 11—30 to 13; 30 is 10 inches from V. 17 to V is $2\frac{1}{2}$ inches. Now connect points 3—4—V—16—10—47, as diagram shows.
3. Place separate piece of paper under sleeve and trace 13—30—11 to U.

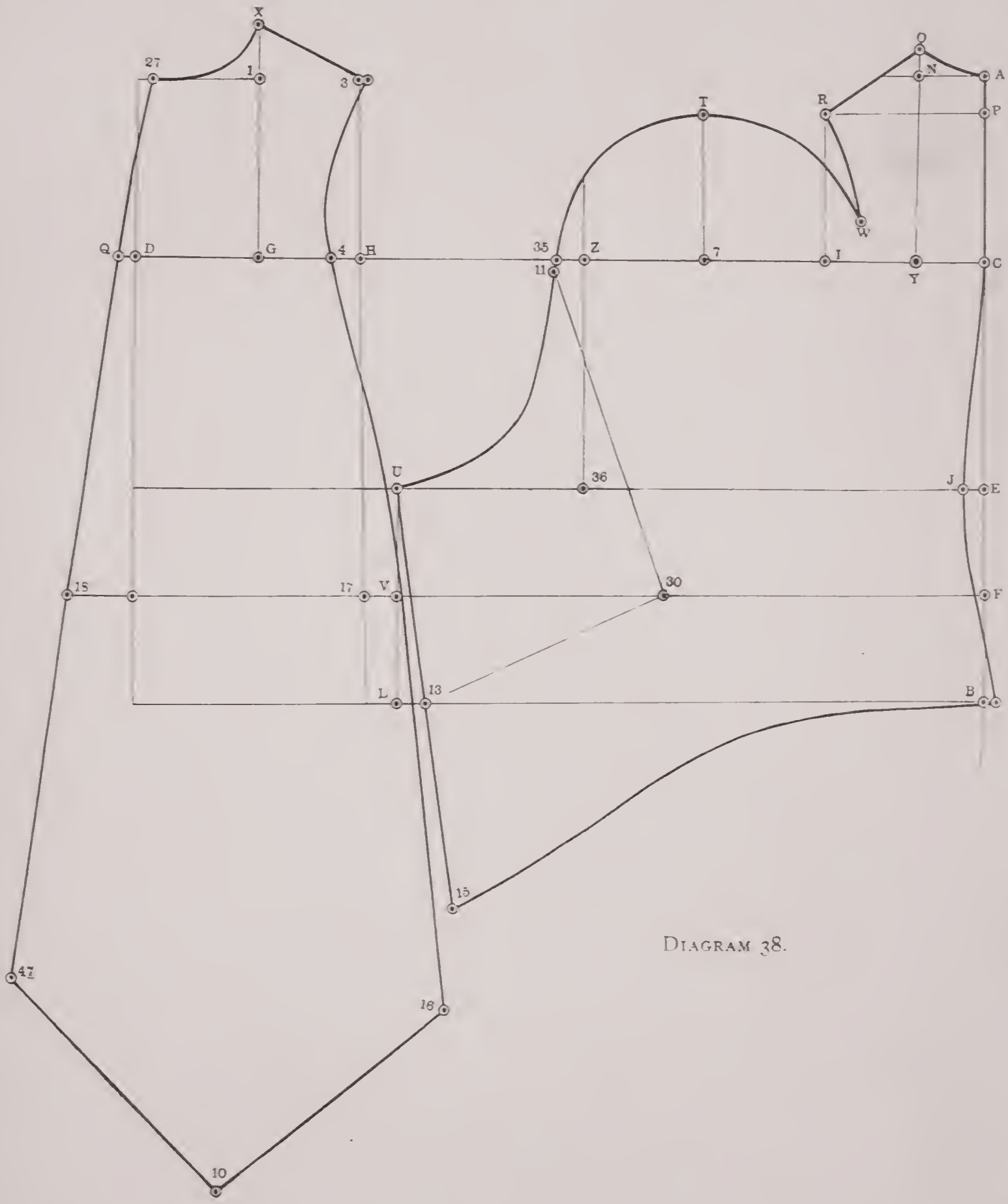
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DIAGRAM 38.

DOLMAN No. 7

DIAGRAM 39.

MEASURES

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Heights Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Heights Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Neck Height to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches
Length Waist in Front,	8—18 inches	1st and 2d Dolman,	46—$10\frac{1}{2}$ inches
Inside Elbow to Wrist,	$7\frac{1}{2}$ inches		

INSTRUCTIONS.

1. Follow instructions of Dolman Lesson No. 5 for back and front, with exception of following:

2. 35 to 11 is $\frac{1}{4}$ of an inch. Point 41 is half way between waist and hip line. For under sleeve connect line 41 and 11. The V shapes are 1 inch between 21—40 and 34—22, and are 5 inches deep to points 30—29.

   Now break hip line 13—10 and turn under, and trace 10 to 41—22 to 30—34—40—29—21—11—U—13.

   18 to V is hip measure less back, namely, $21\frac{1}{2}$ inches.

   V to 15 is 2 inches. Now connect 3—4—15 and 15 with 39. Take out 2 darts in V shape, one inch between 42—37 and 28—23, making them 5 inches deep to points 38—25. Now shape line 39—47 as diagram shows.

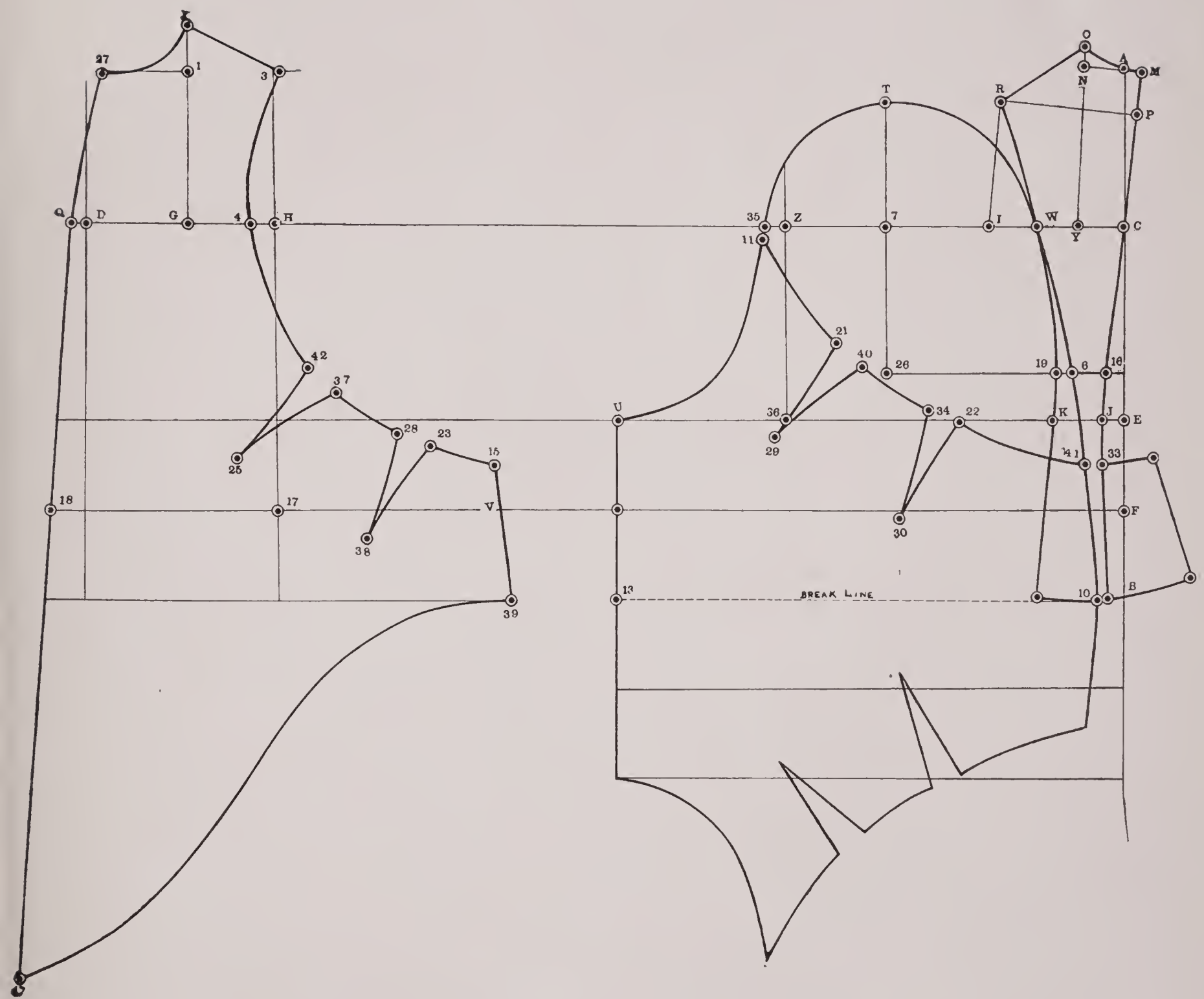

DIAGRAM 39.

DOLMAN No. 8

Diagram 40.

MEASURES

Bust,	38 inches	Across Back,	14 inches
Waist,	26 inches	Underarm,	9 inches
Hips,	44 inches	Shoulder Height Front,	$9\frac{1}{4}$—$7\frac{1}{4}$ inches
Across Chest,	15 inches	Shoulder Height Back,	$8\frac{1}{4}$—6 inches
Neck,	$16\frac{1}{2}$ inches	Neck Height to Waist,	$7\frac{1}{4}$—$15\frac{1}{2}$ inches
Length Waist in Front,	8—18 inches	1st and 2d Dolman,	46—$10\frac{1}{2}$ inches
Inside Elbow to Wrist,	$7\frac{1}{2}$ inches		

INSTRUCTIONS.

1. Follow instructions of Dolman No. 7 for back with the following exceptions:

   8 to 45 is 2 inches. 45 to 41 is 1 inch. Connect 45 with 11 and take out two Vs, same as Dolman No. 7.

   L to 13 is 1 inch, and connect with 23, which is center between waist and hip. Now break line 13—23 and follow same rules as Dolman No. 7.

2. D to 43 is bust measure less W—C, width of back, plus 1 inch; namely, $15\frac{1}{2}$ inches. 43 to 46 is 2 inches down, same as 8 to 45 in back. Connect 46 with 31, going slightly out. From 25 to 24 is $1\frac{1}{2}$ inches, and 2—39 is also $1\frac{1}{2}$ inches. Divide 25—24 into half and square down; and 2—39 and square up and down.

   Now shape gore from 52 to 24—46—9 to 39—51 and front 37 to 2—9—4—3. Shape bottom 37 to 47, following diagram closely.

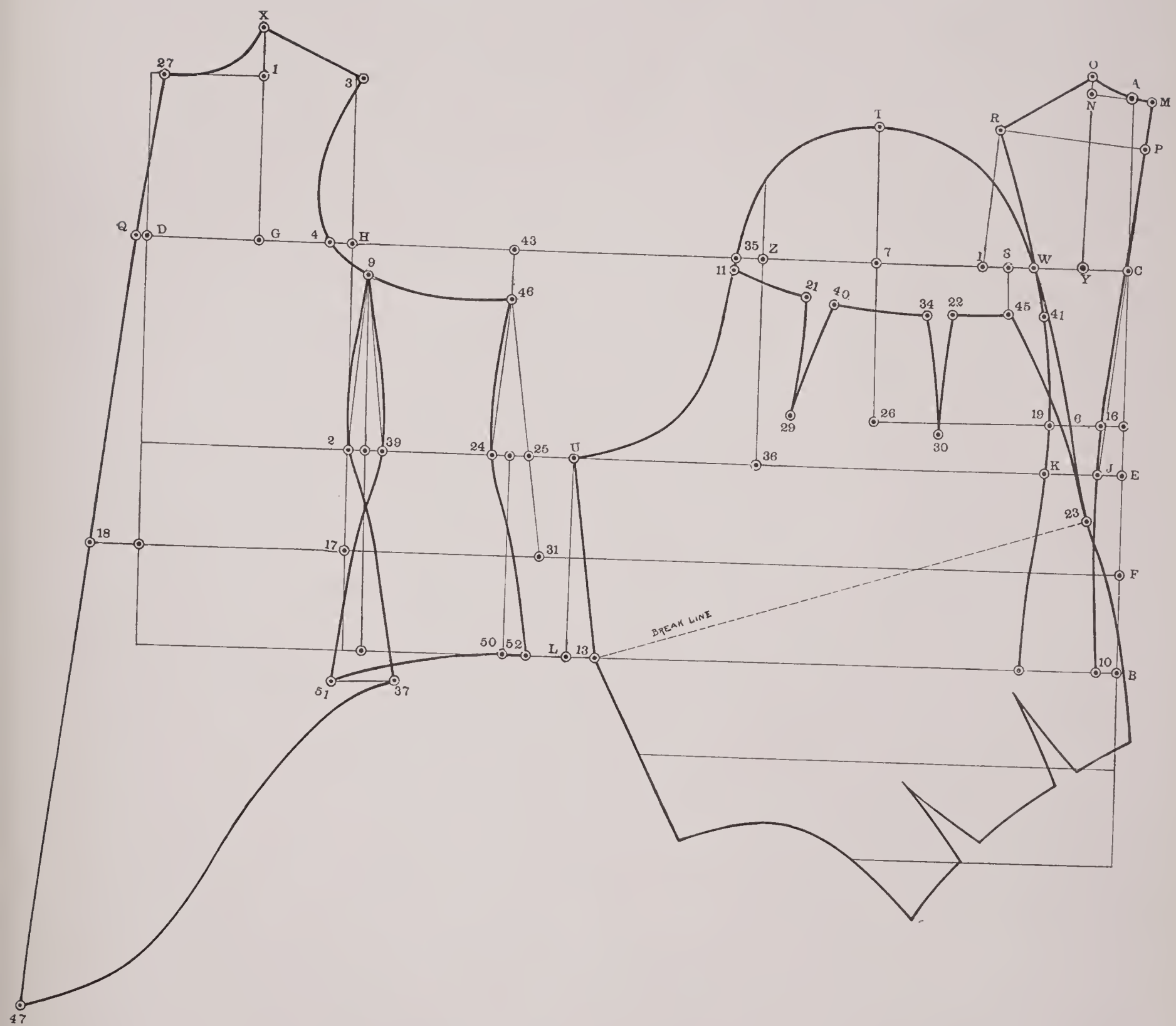
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Diagram 40.

CAPE WITH ONE DART

(38 inch Bust.)

Diagram 41.

INSTRUCTIONS.

1. Draw line A—B and square to D.

   Take jacket pattern, front and back, and place same in square as shown with dotted lines.

   Let C be 8 inches and H $8\frac{1}{2}$ inches from A, E to F is $1\frac{1}{2}$ inches at waist, which leaves a space of 1 inch between M and N and $\frac{3}{4}$ inch between L and O.

   L—M—K gives dart on shoulder.

   Use A as a pivot and sweep to any desired length.

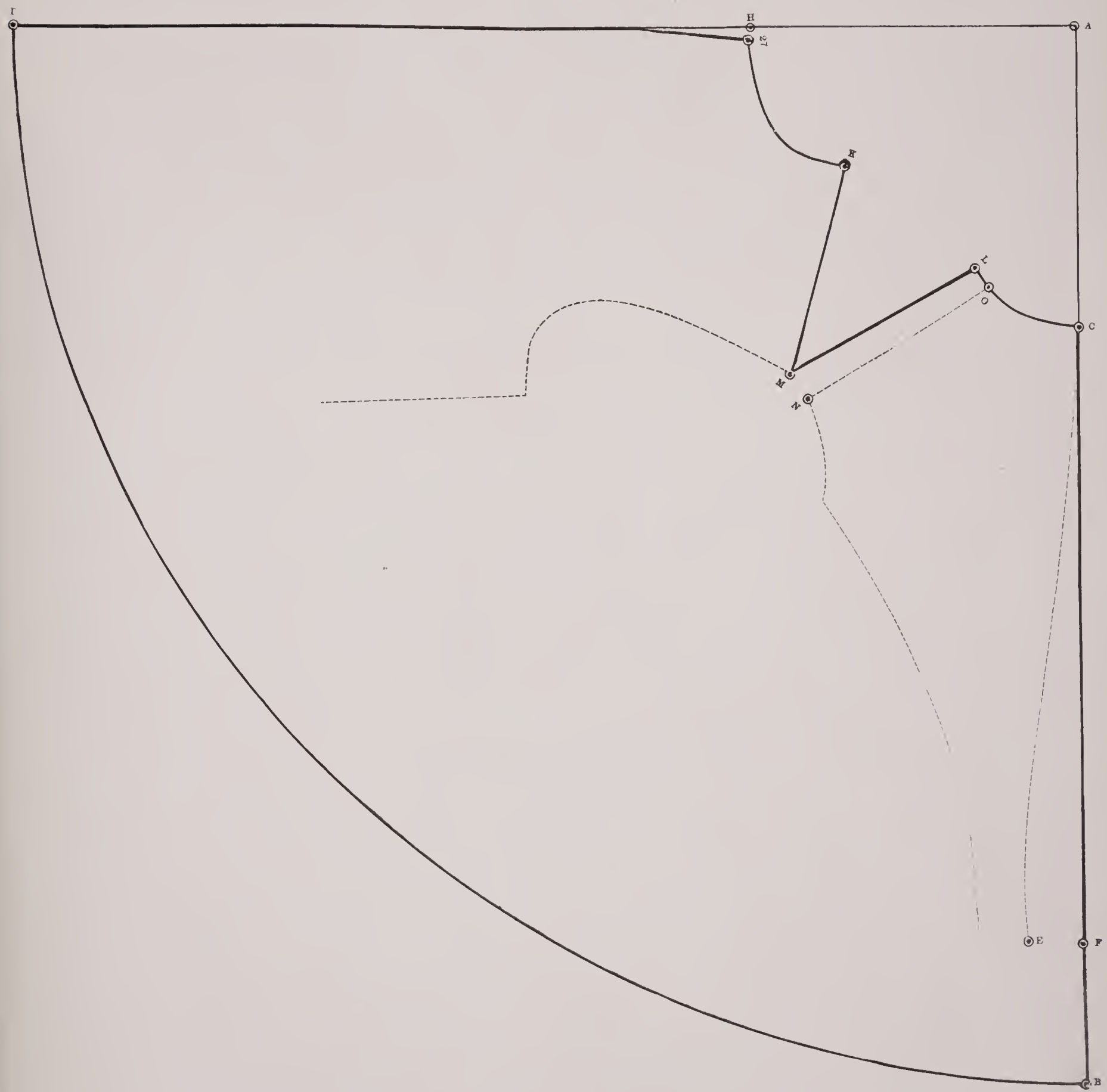

Diagram 41.

CAPE WITH TWO DARTS

(38 inch Bust.)

DIAGRAM 42.

INSTRUCTIONS.

1. Use same rule as for previous cape and find center of N and M; namely, R, and connect with a guide line to A.
2. T and S are $1\frac{1}{2}$ inches from R.

   P and L is $\frac{3}{4}$ inch from Y. Square Y on line A—R. Do same with point R. For darts connect O—T—L—P—K to 27. Use A as a pivot and sweep to any desired length.

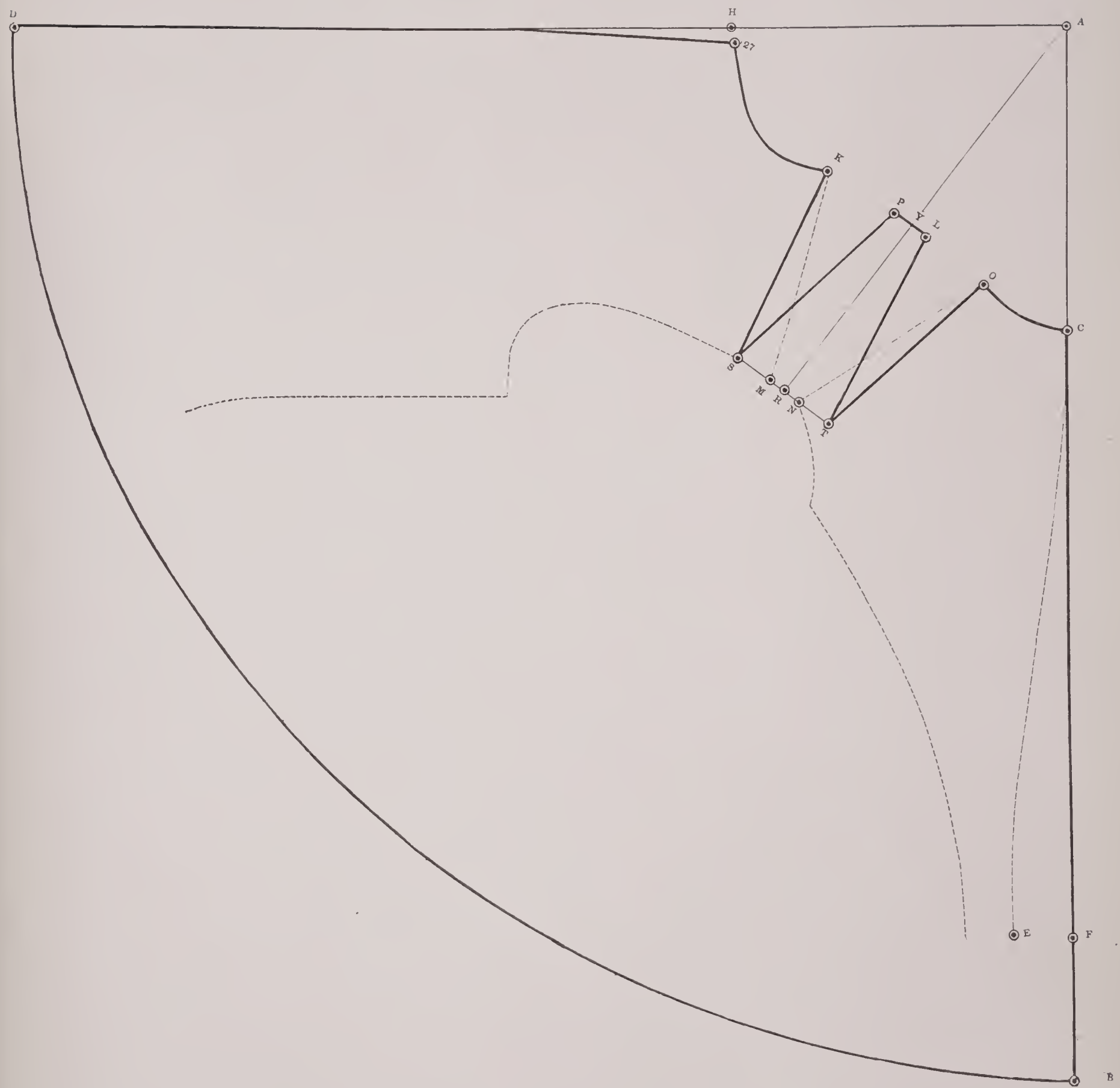

DIAGRAM 42.

CAPE WITH THREE DARTS

(38 inch Bust.)

DIAGRAM 43.

INSTRUCTIONS.

1. Draw line A—C and square to Q.
2. A to E is $3\frac{1}{4}$ inches; A to L is $4\frac{1}{2}$ inches; A to J is 6 inches; A to V is 8 inches; A to H is $8\frac{3}{4}$ inches; A to N is $10\frac{3}{4}$ inches; A to U is $11\frac{3}{4}$ inches; A to W is $13\frac{1}{2}$ inches. Square all these points down.
3. W to T is $7\frac{1}{2}$ inches; N to M is $2\frac{1}{2}$ inches and B is 10 inches. H to X is $4\frac{1}{2}$ inches; V to F is 5 inches; J to K is $6\frac{3}{4}$ inches; L to G is $7\frac{1}{2}$ inches; E to Y is 8 inches; A to D is $8\frac{1}{2}$ inches and to 2, 12 inches. Square 2 to O, $5\frac{1}{2}$ inches.
4. Now connect D with Y, G with K, F with X and M with U, forming neck. Now measure neck from U to where neck measure comes to. In this case, D is the point.
5. Now form darts by drawing straight lines from Y to O to G, K to B to F, X to T to M.
6. To get length of garment measure down from D to C, and U to Q and curve bottom, making this side of cape 2 inches longer than front and back.

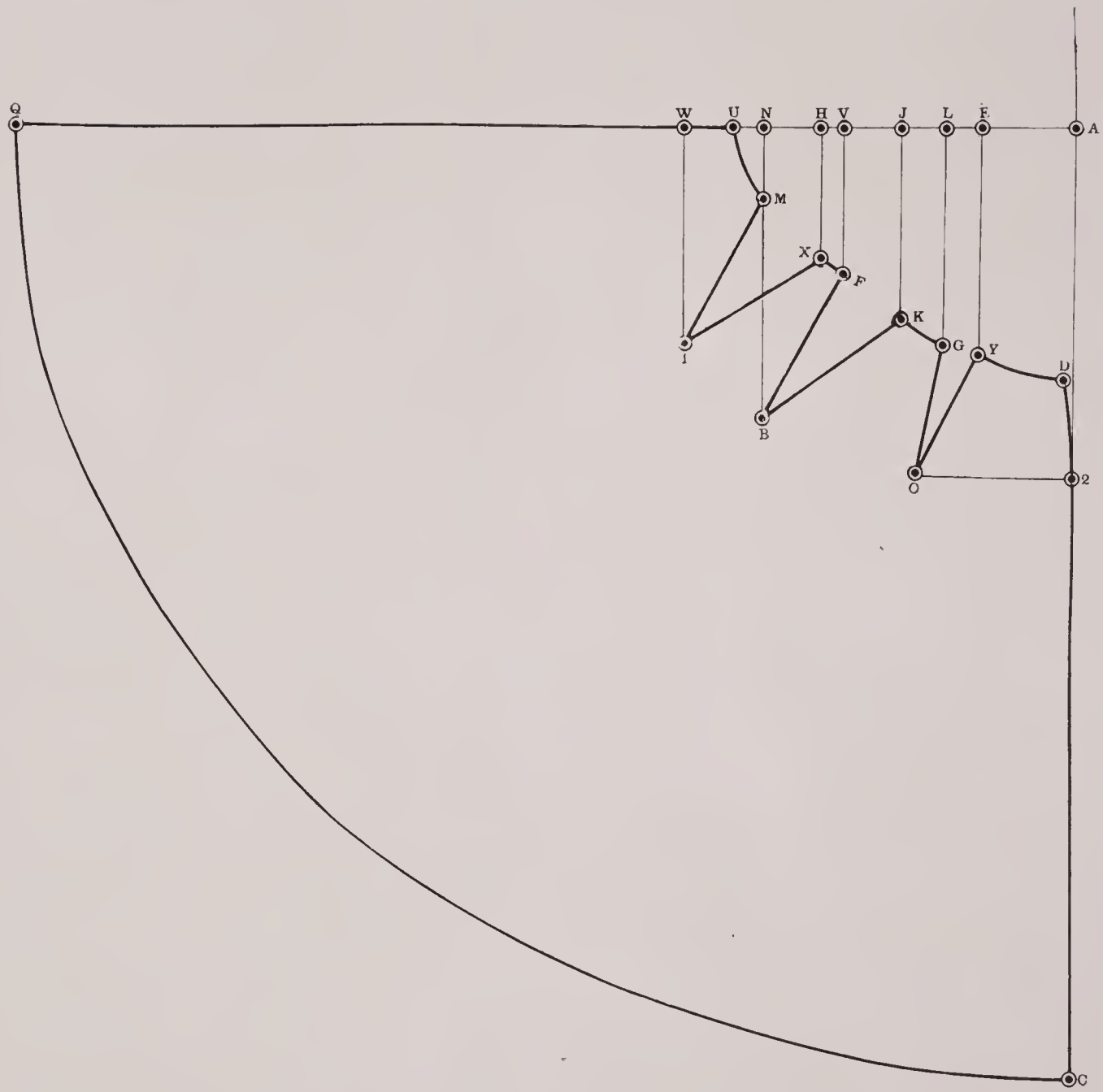

DIAGRAM 43.

THREE-PIECE SHOULDER CAPE WITH COLLAR IN ONE

(38 inch Bust.)

DIAGRAM 44.

INSTRUCTIONS.

1. Draw line A—B. From A to D is height of collar 6 inches; D to C is 6 inches always giving Dolman point. From D to B is length of cape, 18 inches. Square points A, D, C and B.

   From C to 15 is 23 inches Dolman measure. From D to 10 is $1\frac{1}{2}$ inches; from 3 to Q on front is 1 inch; this is a stationary rule.

   The distance between Q and 10 in this instance is $20\frac{1}{2}$ inches. Neck should be $8\frac{1}{2}$ inches or 17 inches all around. Deduct $8\frac{1}{2}$ inches from $20\frac{1}{2}$ inches, leaving 12 inches. This divide into half, which is 6 inches.

   As this is a three-piece collar, divide neck measure $8\frac{1}{2}$ inches into three equal parts which are $2\frac{5}{8}$ inches. Now commence to measure from 10 to 20, $2\frac{5}{8}$ inches; 20 to X, 6 inches; X to N, $2\frac{5}{8}$ inches; N to J, 6 inches; 21 to Q, $2\frac{5}{8}$ inches. Divide the just given points into half and square up and down as shown.

   On top of collar allow from 2 to 1 and K to 24, K to 4 and M to O, $2\frac{1}{2}$ inches. Draw guide lines from 10 to A; 20 to O; X to 4; N to 24; 21 to 1.

   On guide line 10—A draft collar back $\frac{1}{4}$ inch in and out to E as diagram shows.

2. Now collect all points as shown in diagram, and go out from 15 to 16 on front 1 inch slightly down to bottom of cape. This completes shoulder cape.

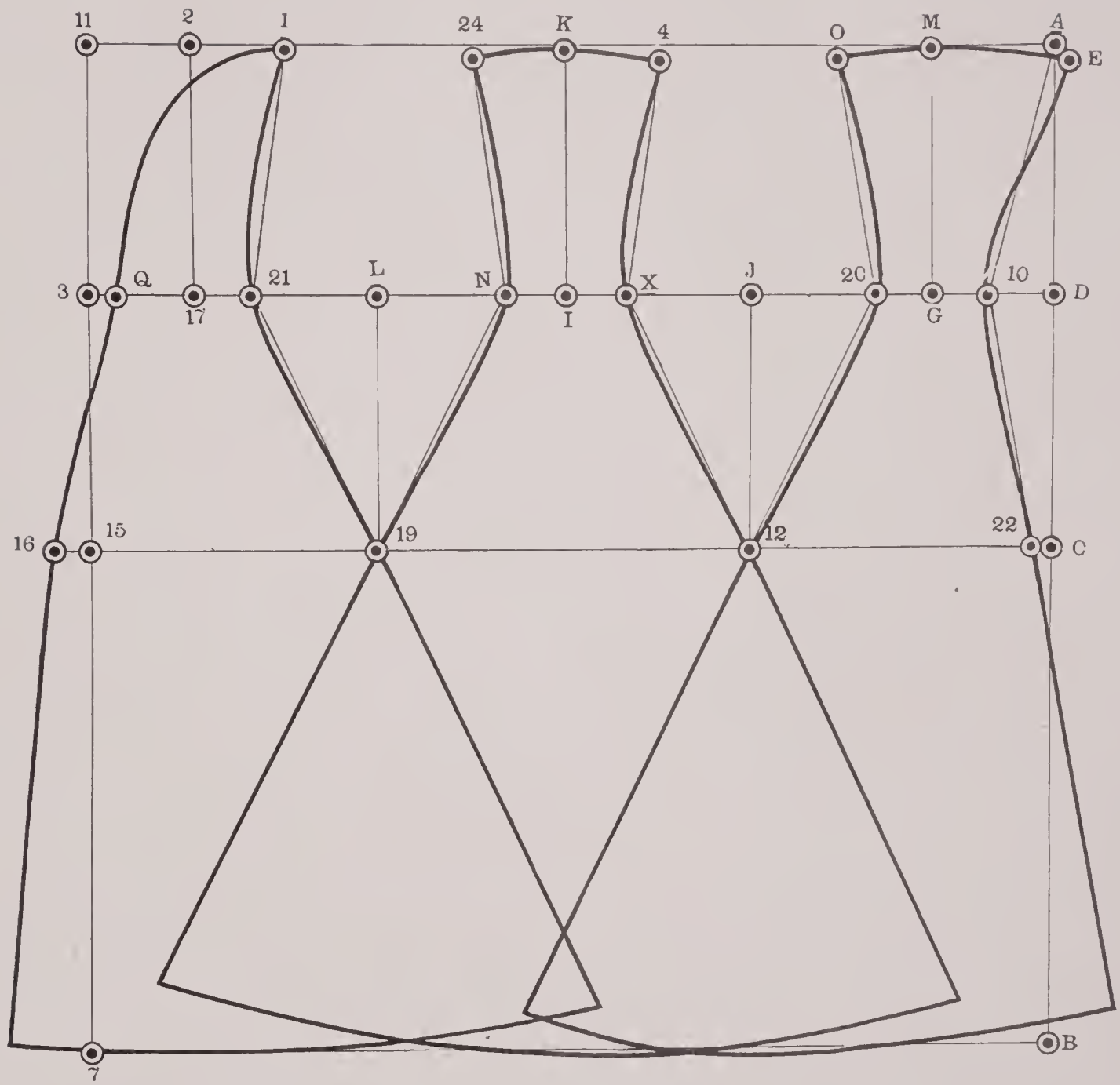

Diagram 44.

FOUR-PIECE SHOULDER CAPE AND COLLAR IN ONE

(38 inch Bust.)

DIAGRAM 45.

INSTRUCTIONS.

1. Follow rule for three-piece shoulder cape with the exception of neck divisions.
2. From 10 to Q is $20\frac{1}{2}$ inches; deduct neck measure $8\frac{1}{2}$ inches, leaving 12 inches; divide into three equal parts leaving 4 inches each to be taken out between 20 and Z, Y and X, N and 21. $8\frac{1}{2}$ is then divided into four parts, namely $2\frac{1}{8}$ inches, to be left in between 10 and 20, Z and Y, X and N, 21 and Q.
3. Previous lesson is now to be followed and draft lines same as this diagram shows.

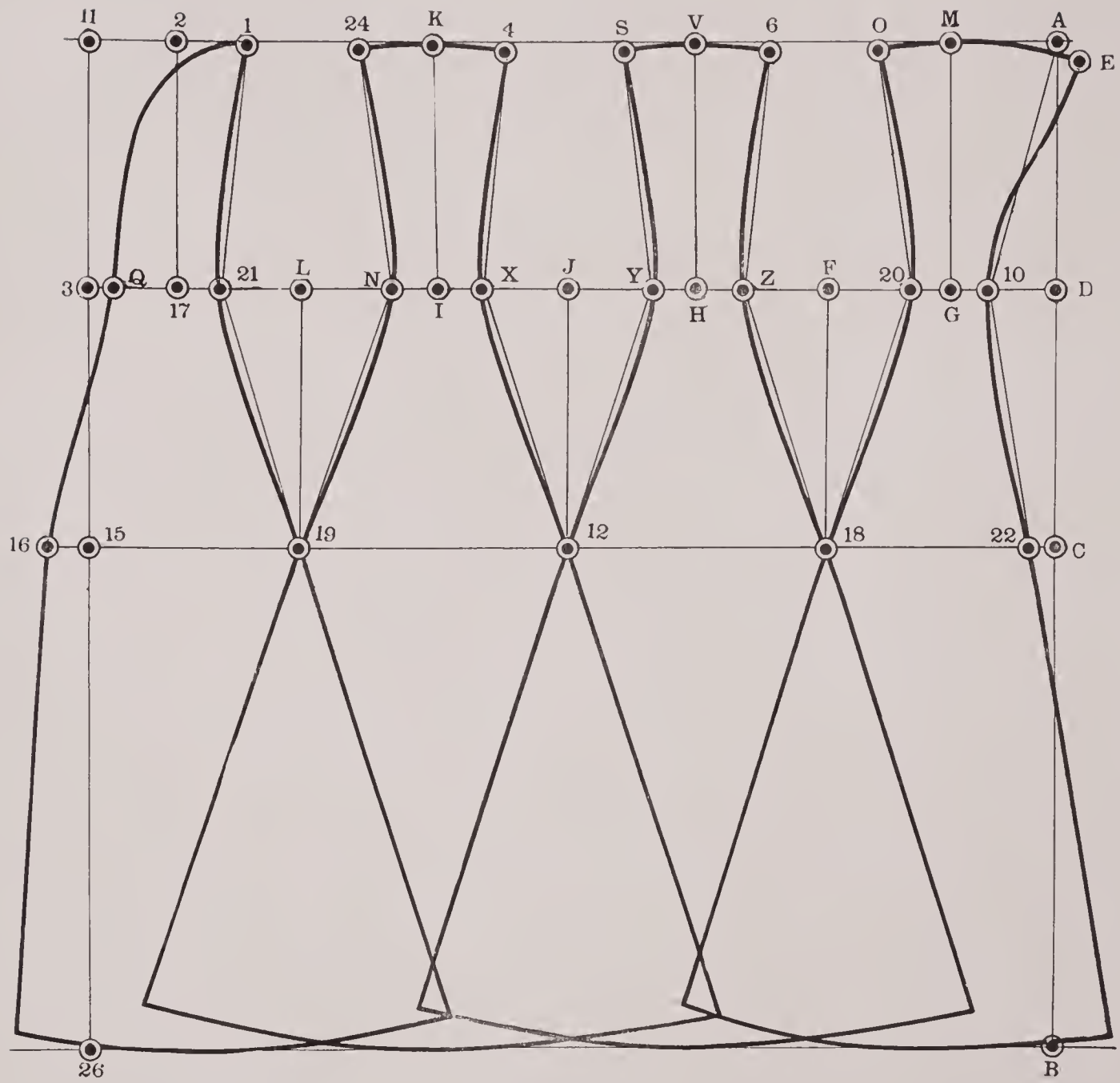
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Diagram 45.

FIVE-PIECE SHOULDER CAPE WITH COLLAR IN ONE

(38 inch Bust.)

Diagram 46.

INSTRUCTIONS.

1. Follow rule of three-piece shoulder cape with the exception of neck divisions.
2. From 10 to Q is 20½ inches; deduct neck measure 8½ inches, leaving 12 inches. Divide this into four equal parts, namely 3 inches, to be taken out between points 20 and Z, Y and X, N and T, R and 21. 8½ inches is then to be divided into five equal parts, namely 1⅝ inches full, to be left in between 10 and 20, Z and Y, X and N, T and R, and 21 and Q.
3. Previous lessons are now to be followed and draft lines same as diagram shows.

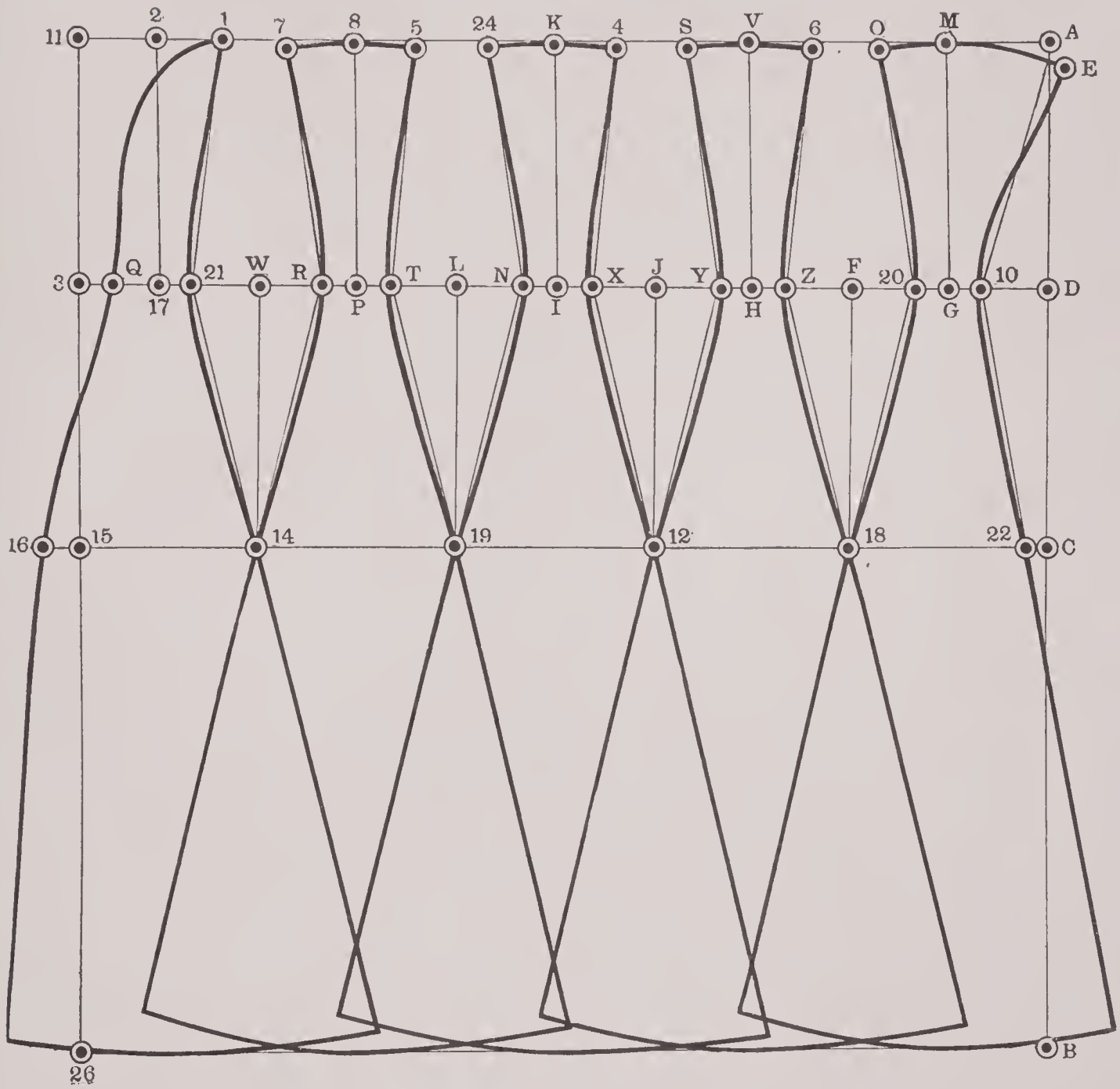
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Diagram 46.

NECKPIECE

(38 inch Bust.)

DIAGRAM 47.

INSTRUCTIONS.

1. Draw line 1—4 and square to 3. 1 to 4 is 4 inches; 1 to 2 is 4 inches and to 3 is 8 inches. Square point 2 down. Point 7 and 8 are 1 inch respectively from 5. Point 9 is 1 inch from 4. 4 to 6 is 13 inches. Shape neckpiece through just given points as diagram shows, or any other desired shape.

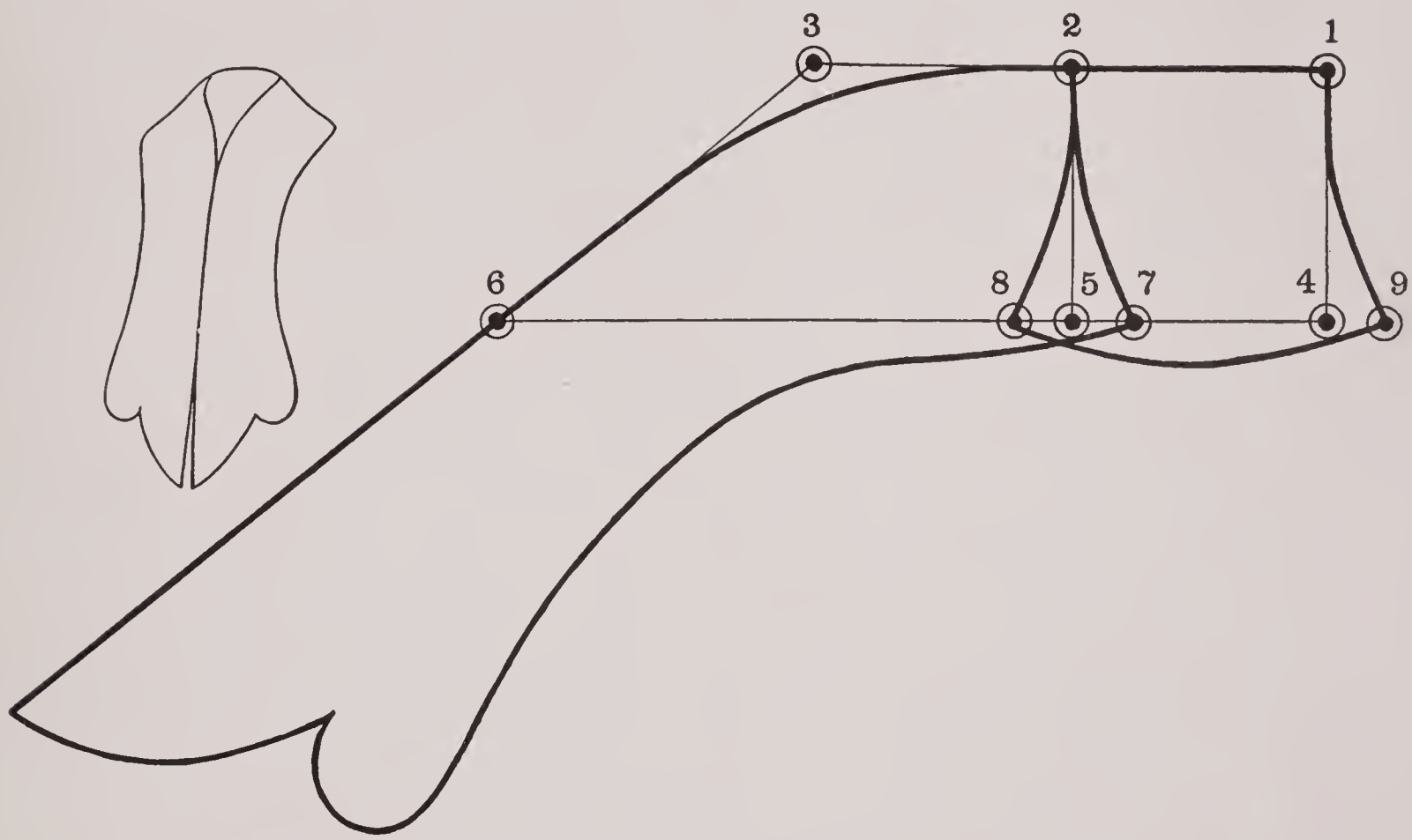


DIAGRAM 47

L of C.

NECKPIECE FOR MINK

(38 inch Bust.)

DIAGRAM 48.

INSTRUCTIONS.

1. Draw line 1—5 and square 1 to 6, $6\frac{1}{2}$ inches.

   1 to 2 is $4\frac{3}{4}$ inches; to 3, $7\frac{3}{4}$ inches; to 4, 24 inches, and to 5, 46 inches or any desired length. Square points 2, 3, 4 and 5 on line 1—5. 2 to 7 is $3\frac{1}{4}$ inches; 3 to 10 is 4, and to 9 is $8\frac{1}{2}$ inches. Square point 9 up to 8, $2\frac{1}{4}$ inches. 4 to 11 is 2 inches. 5 to 13 is about 8 inches or any desired width.

2. Connect 6 with 7, 7 through 10 to 11. Connect 8 with 4 and 8, 9 to 11. Connect 6 with bottom of neckpiece and shape bottom as shown.

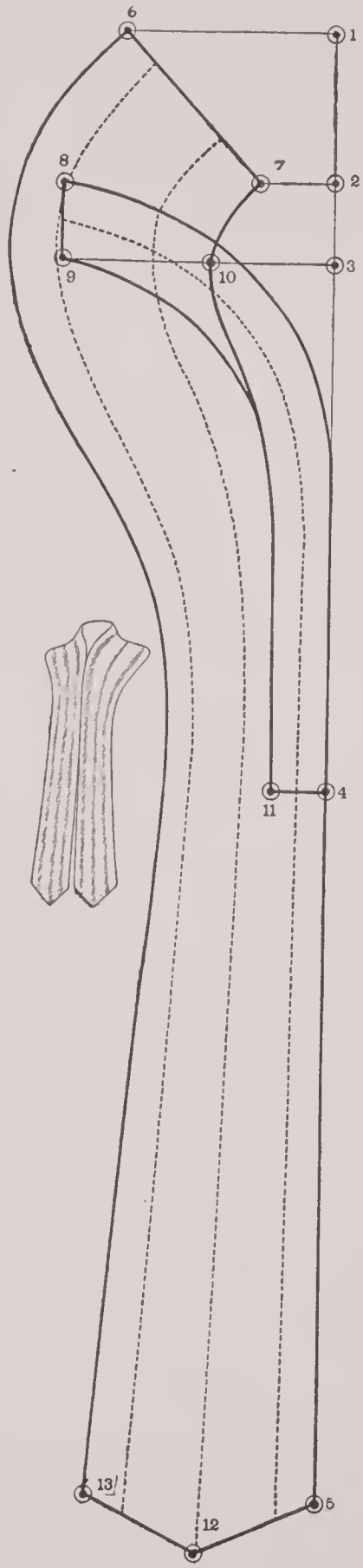


DIAGRAM 48.

YOKE

(38 inch Bust.)

DIAGRAM 49.

INSTRUCTIONS.

1. Draw line K—J. From K to M is 4 inches; from K to L is 6 inches and K to N is 9 inches; K to J is 13 inches. Square point K—M—L down.
2. K to Q is $4\frac{1}{2}$ inches; M to P is $2\frac{1}{4}$ inches; L to O is $3\frac{3}{4}$ inches.
3. Now draft line P—O—N giving neck.
4. Connect P with Q, which is back, and Q with J. This line is 4 inches all around from neck.
5. Measure neck from P to N and shape front to J as shown.

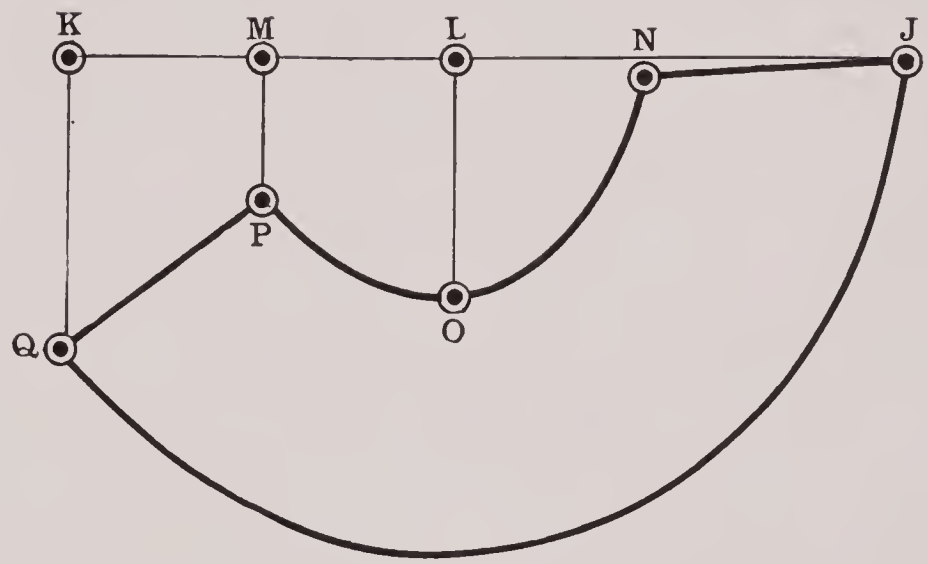


Diagram 49.

CIRCULAR CAPE

(38 inch Bust.)

Diagram 50.

INSTRUCTIONS.

1. Draw line B—A; B to E is $3\frac{3}{4}$ inches; B to C is $6\frac{3}{4}$ inches and to G is 10 inches. Now square lines down from points B, E and C.

B to H is 4 inches; E to F is 2 inches; C to D is $3\frac{3}{4}$ inches; draft neck from F through D to G.

From F draw a straight line down through H to I any desired length. Draft line I to A same distance from neck line all around.

Measure neck from F to G and shape front to A as shown.

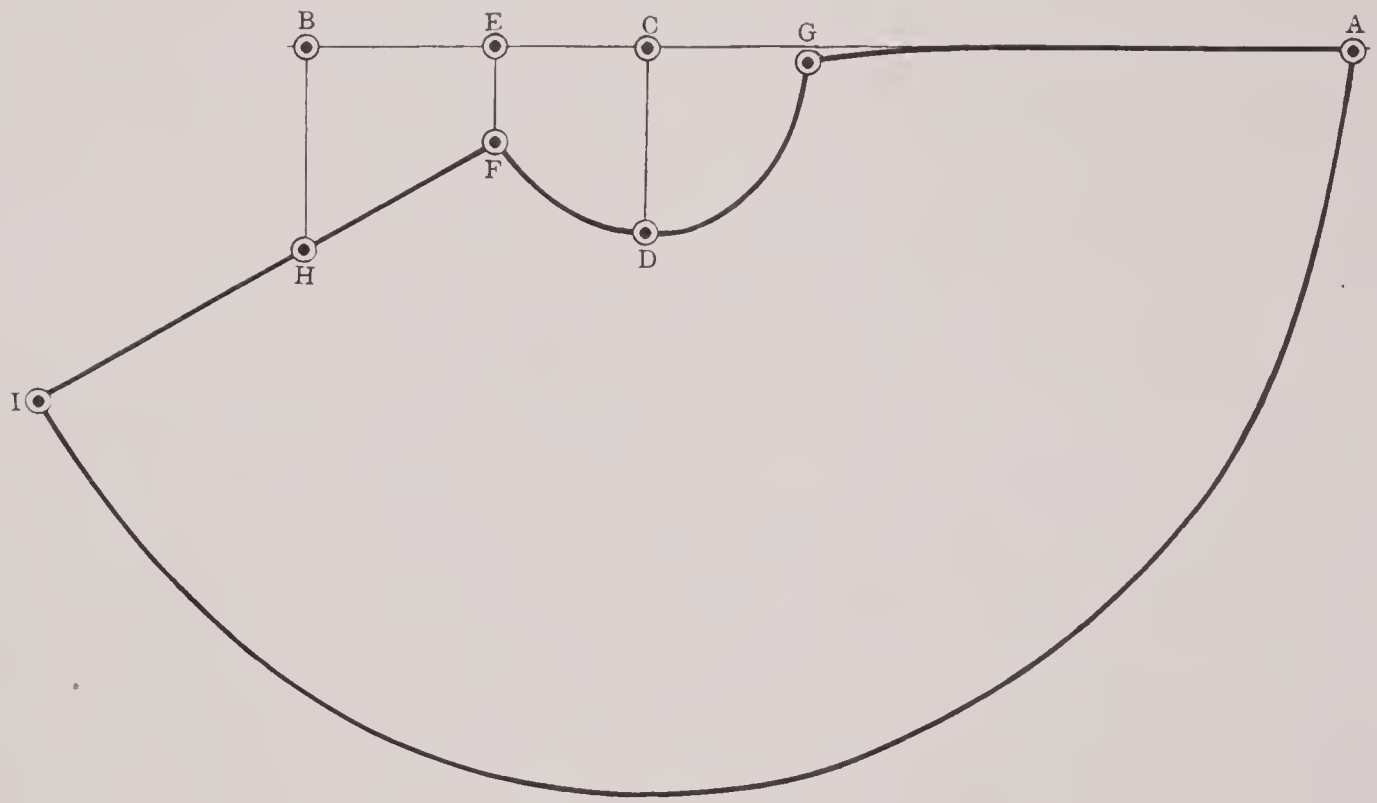


Diagram 50.

HOOD 1

(38 inch Bust.)

Diagram 51.

INSTRUCTIONS.

1. Draw line E and B.

   E to D and E to F and F to B is always $\frac{1}{4}$ of bust measure 9 inches. Square points just given, which constitute box.

2. Place jacket back and front together as dotted line shows, and draft neck curve E to C; C to A is front of jacket or cape. Now draft curve B through G to A, as shown; $\frac{1}{4}$ inch all around this curve is stitched and cord placed between to give the desired effect when wearing hood.

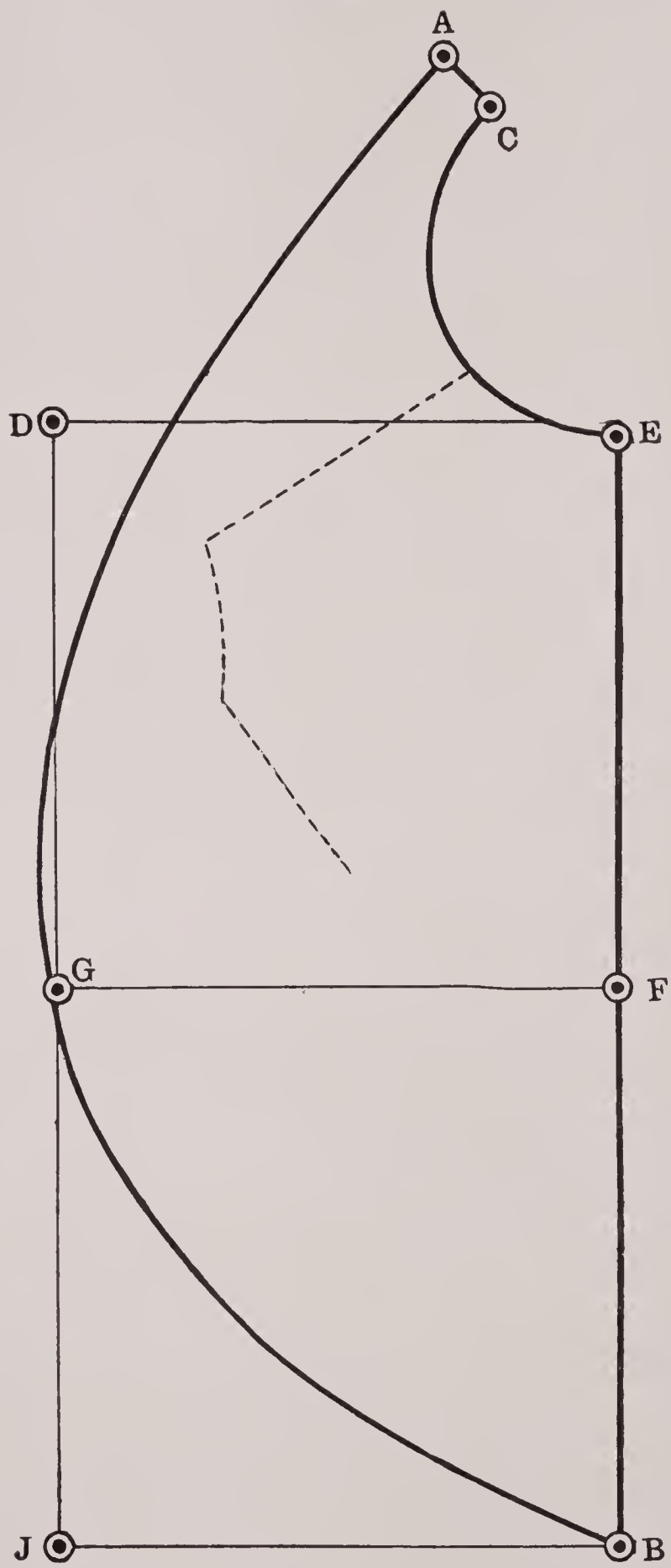


DIAGRAM 51.

HOOD 2

(38 inch Bust.)

DIAGRAM 52.

INSTRUCTIONS.

1. Top of this hood is same as No. 1, with exception of F to B being $\frac{1}{8}$ of bust $4\frac{1}{2}$ inches.
2. From F to P is 4 inches, and from B to I is $5\frac{1}{2}$ inches, increase or decrease these distances for respective sizes; I to H is 1 inch. Now connect these points with straight line, as shown.

Now draft curve from H through G to A.

HOOD 3

(38 inch Bust.)

DIAGRAM 53.

INSTRUCTIONS.

1. Follow instructions as No. 2, with exception of following:
2. B to I is $6\frac{1}{2}$ inches, and I to H is 2 inches; draft line B to H to line J, as diagram shows.

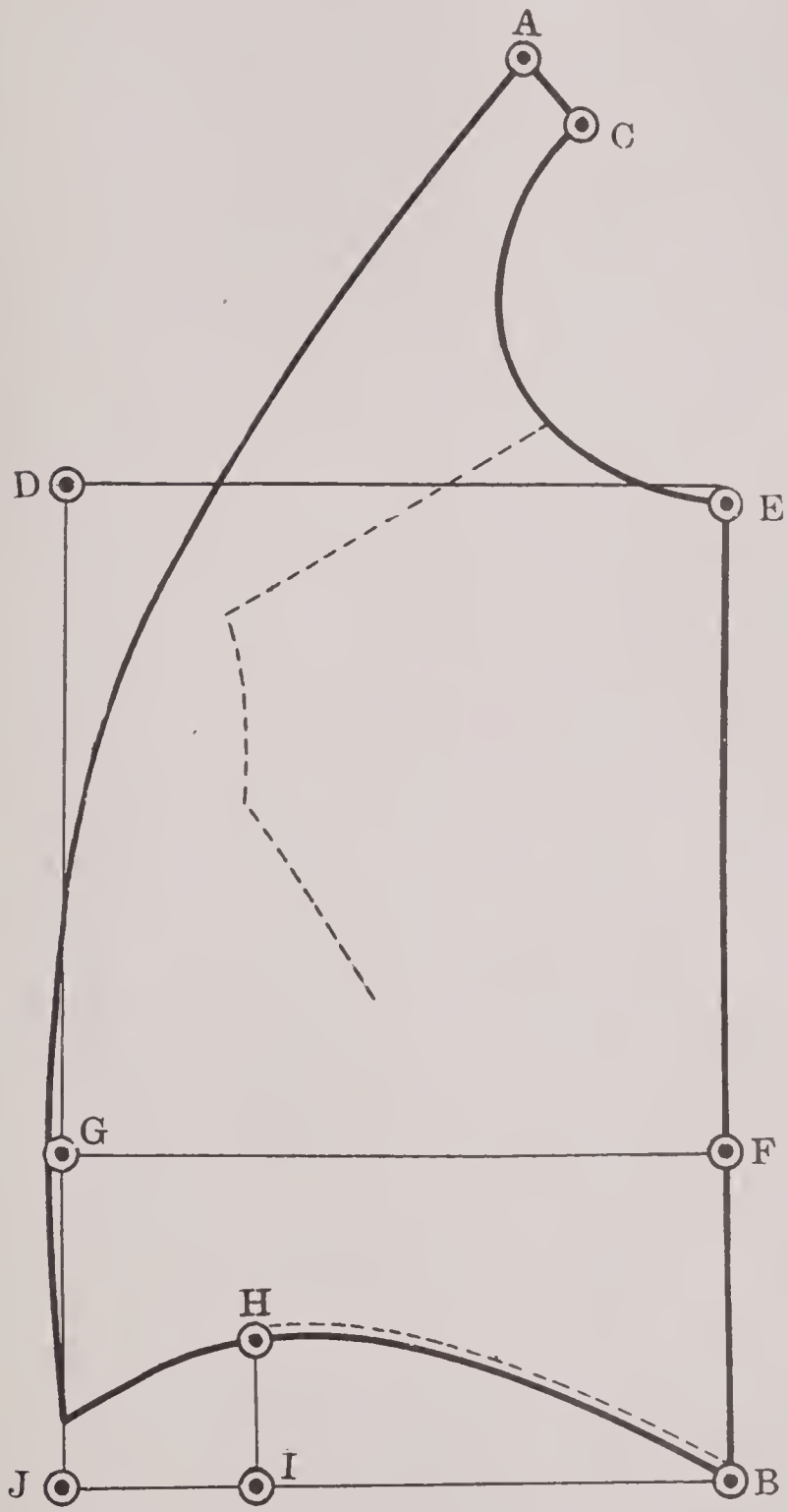


Diagram 52.

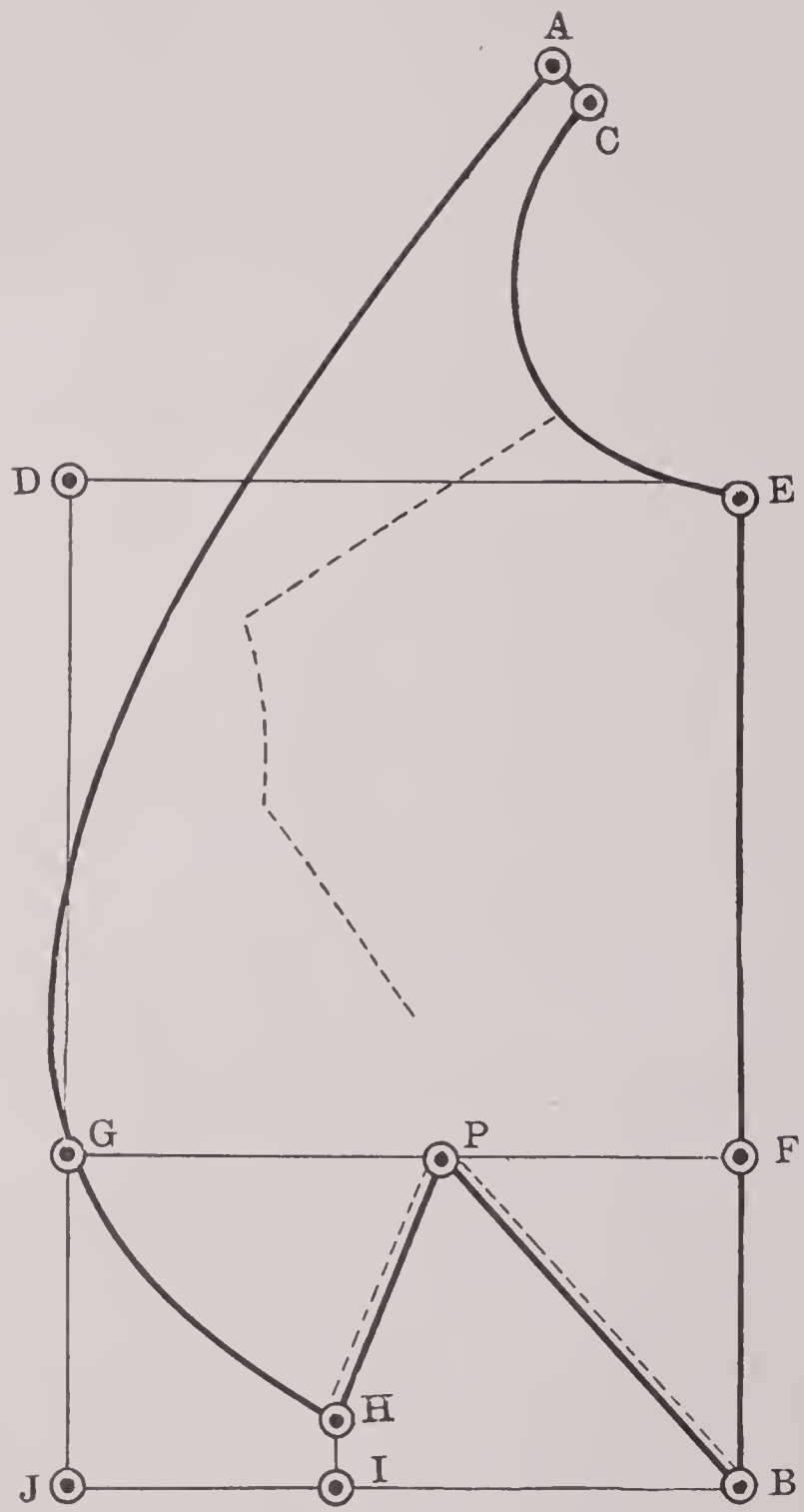


Diagram 53.

KNEE LEGGINGS

DIAGRAM 54.

MEASURES.

Knee,	6½ inches	Instep,	7 inches
Calf,	7 inches	Shoe Length,	9 inches
Ankle,	5 inches	Full Length,	20 inches
	Calf Length,	5½ inches	

INSTRUCTIONS.

1. Draw line O—G, which is full length 20 inches.
   O to X is 5½ inches, calf length.
   G to F is 2½ inches, and F to D is 2 inches: these measures never vary.
2. Square points O, X, D, F and G.
   From D to P is ankle measure 5 inches; square line up and down from P, giving points M and Z.
   Knee measure is 6½ inches from M to A. L to C is calf measure 7 inches.
   From G to B go out ¾ inch and measure from F to E ¼ inch. Shape line from B through E—D—C to A.
3. Instep from B to J is 7 inches.
   From B to I is 9 inches, shoe length. From Z to H is 1 inch. Draft line from B through Q—H to I, and I through J—P—L to M.
4. N is half distance between O and M, which square to Q, giving button line.
   This completes knee leggings.

SHOE LEGGINGS

DIAGRAM 55.

These leggings are the same as knee leggings, except that the length is 8 inches.

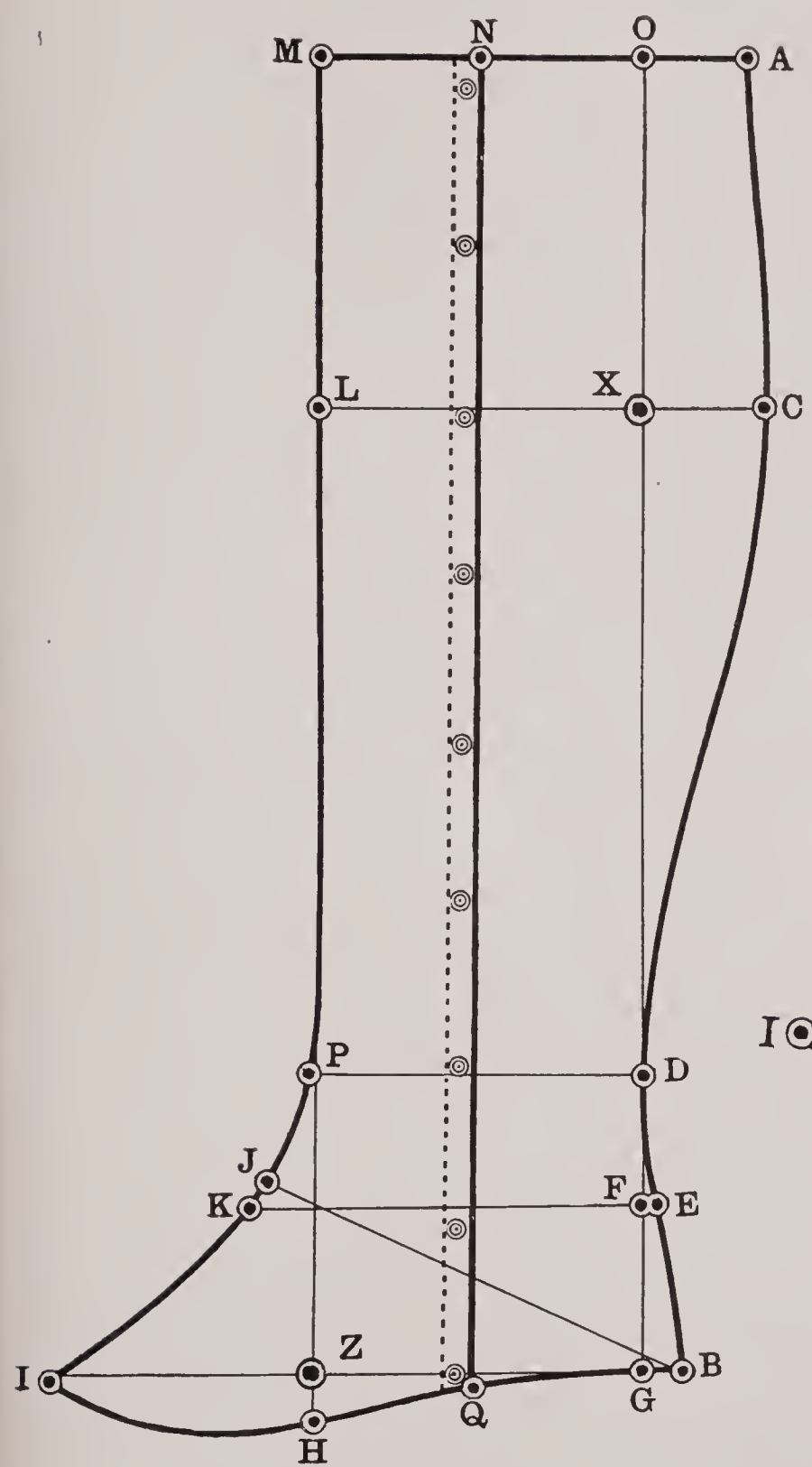


Diagram 55.

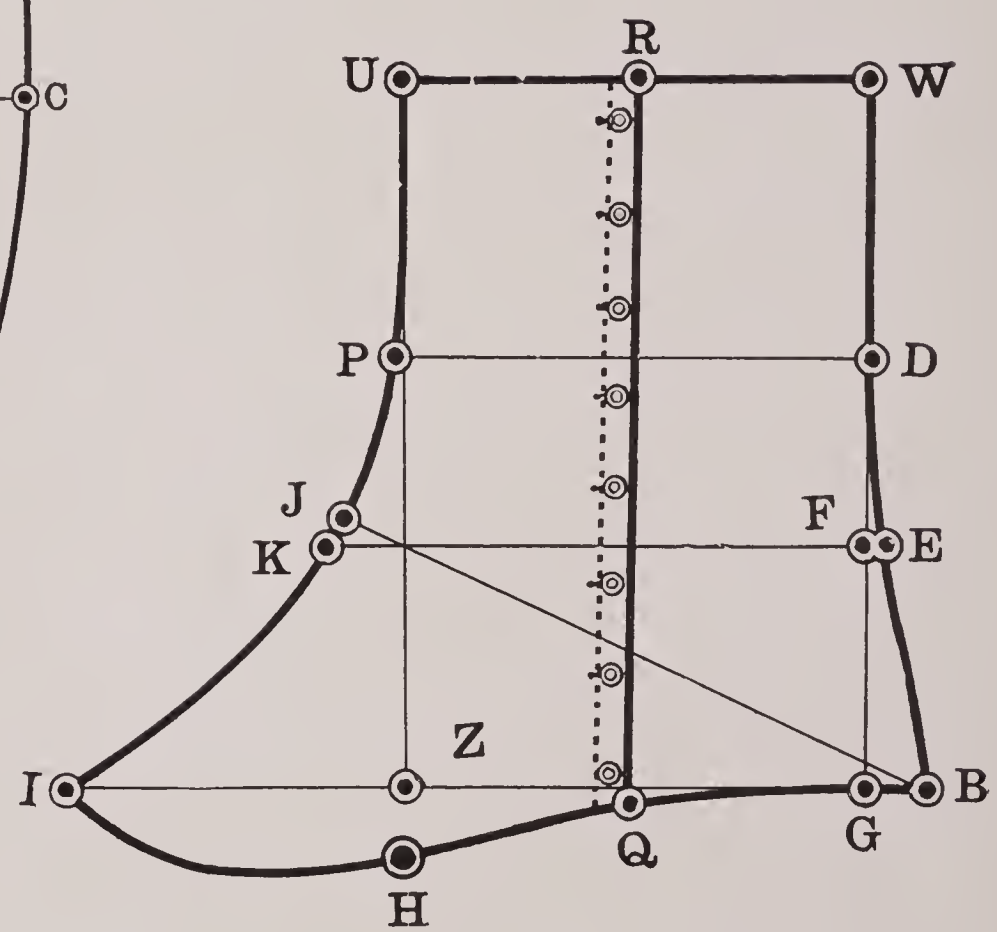


Diagram 54.

COACHMAN'S FUR CAPE

DIAGRAM 56.

MEASURES.

Bust,	38 inches	1st Dolman,	46 inches

INSTRUCTIONS.

1. For box use same rule as our loose front jacket No. 1, only making it to the waist line. Draft shoulders, neck curves, at front and back, same as Lesson No. 2.

2. From front shoulder, take ½ inch off and allow this on back shoulder, as shown. This is to bring shoulder seam right in center of shoulder. From I to T is 4 inches; increase or decrease this distance ½ inch for respective sizes. Now draft line from L through S and T and slightly toward front to K; this completes back.

Measure distance T to C, which in this case, is 10 inches, and place this 10 inches on front point D and measure Dolman 23 inches, giving point 8. Now draft line from V through 2, through 8 and slightly toward back to W. This completes diagram.

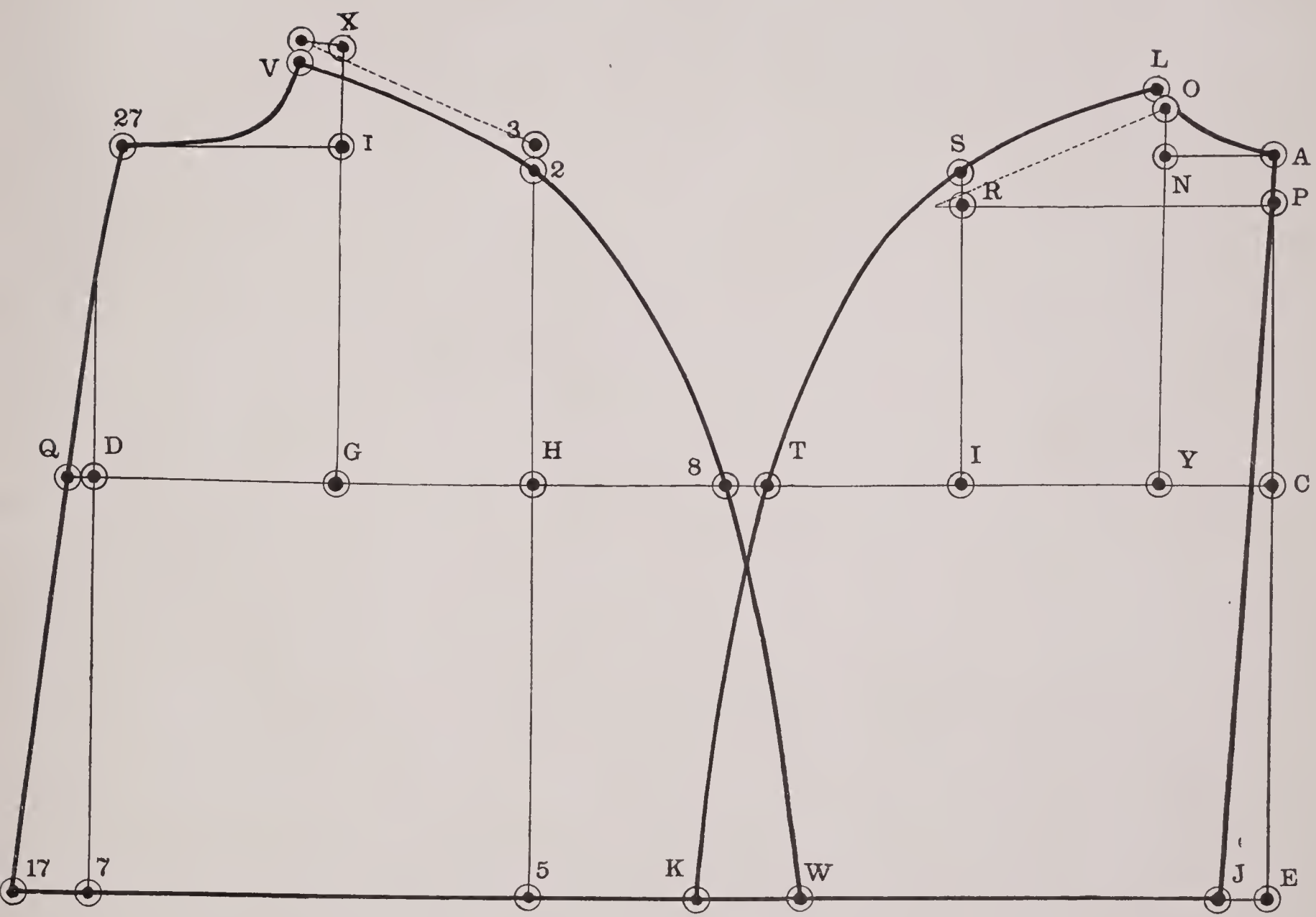


Diagram 56.

BISHOP SLEEVE

DIAGRAM 57.

(36 inch Bust.)

INSTRUCTIONS.

1. Draw line A—B. A to C is $4\frac{1}{2}$ inches, $\frac{1}{8}$ of bust measure; C to D is 9 inches, $\frac{1}{4}$ of bust measure; D to B is 9 inches or $\frac{1}{4}$ of bust measure. Square points A, C, D, B on line A—B.
2. A to E is $\frac{1}{2}$ of bust measure, 18 inches. Square E down on line A—E, making points F, P and G.

   A to H is 9 inches, half way between A—E.

   H to I is $1\frac{1}{4}$ inches and square H up to I.

   D to O is $\frac{3}{4}$ inch; P to R is $\frac{3}{4}$ inch; B to N is 2 inches; G to M is 2 inches; K is half way between B and G, or 9 inches. K to L is 6 inches; square K down to L.
3. Draft line by connecting N—O—C, C—I—F, F—R—M and M—L—N as shown, following drafted lines on diagram closely. V shapes at bottom of sleeve are taken out, enough to allow cuff band to be sewed in with ease.

CUFF:—1. Draw line 5—6, 11 inches; 7 is one half the distance between 5 and 6, or $5\frac{1}{2}$ inches. Square point 7 up to 9, $4\frac{1}{2}$ inches. 7 to 8 is 1 inch.

2. Connect 5 with 6 through 8. 6 to 10 and 5 to 6 are $3\frac{1}{2}$ inches. 10 and 11 are $1\frac{1}{4}$ inches, outside points 6—5, as is readily seen. Connect 11 with 10 as shown.

   CUFF BAND: Draw box 11 by 2 inches as shown.

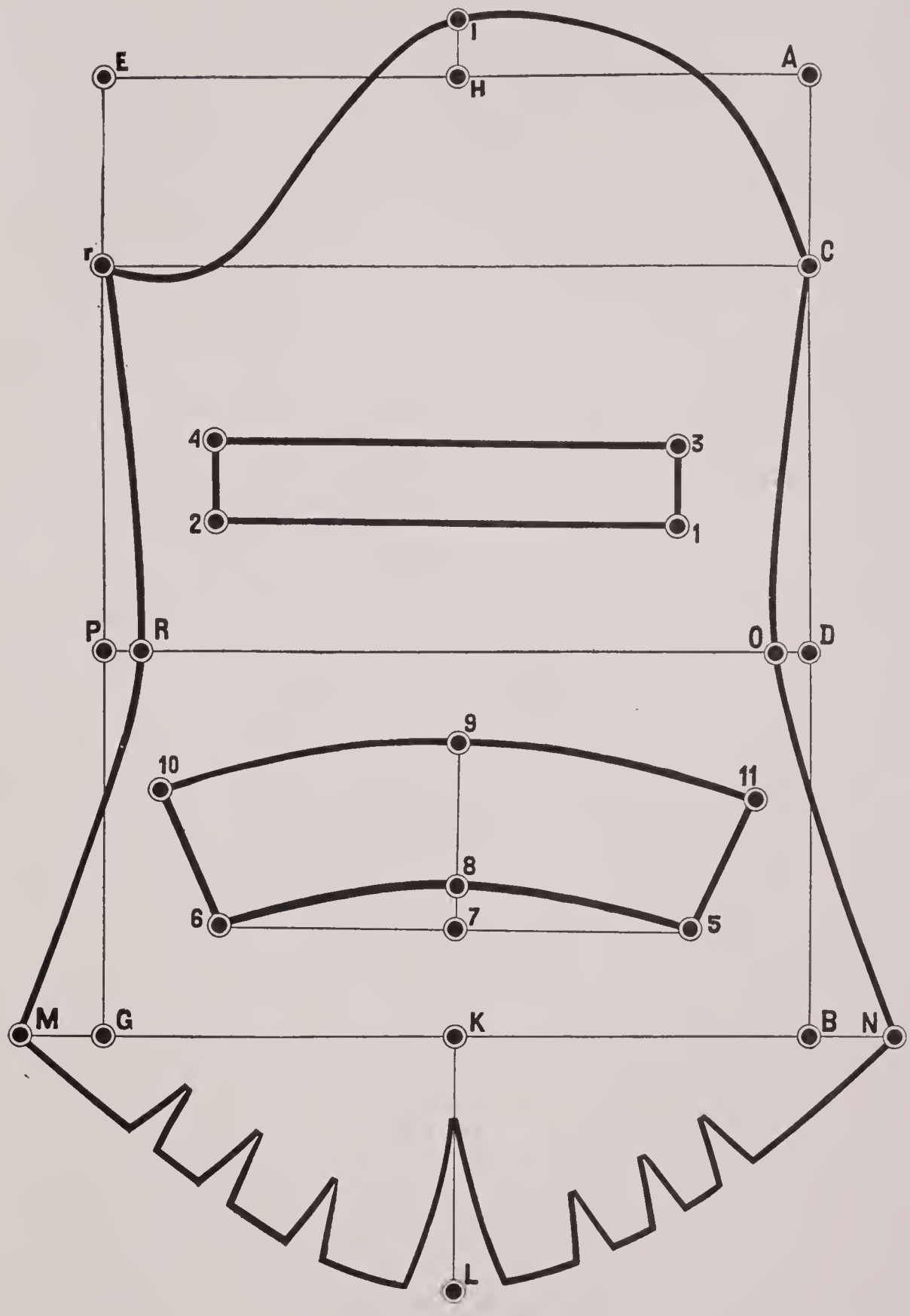


DIAGRAM 57.

THREE-PIECE STORM COLLAR

(Neck measure 16½ inches.)

DIAGRAM 58.

INSTRUCTIONS.

1. Draw line A—B, 8 inches; A to D is 5½ inches, height of collar, and square lines A to B.
2. Divide line A—B into three parts, making points J and I, which points square up.
3. From D to K is 1½ inches. From line J to point E—F is ¾ inch, and from line I to G and H is the same, ¾ inch.
4. Now shape collar as diagram shows.

STORM COLLAR

(Neck measure 16½ inches.)

DIAGRAM 59.

INSTRUCTIONS.

1. Draw line 10—9, which is 8 inches, and square points 5—4 on line 10—9.

   10 to 5 and 9 to 4 is 12 inches; connect 4 with 5. 4 to 8 and 9 to 7 are 2 inches 9 to 3 and 7 to 6 are 2 inches; 4 to 11 and 8 to 1 are 2 inches.

   Draw guide line from 6 to 10 and shape back of collar on this line going in and out ⅜ inch as diagram shows.

   From 6 to 11 shape neck curve as shown, which line must be neck measure.

   All around neck line 6—11 shape top of collar 6 inches and round corner at front of collar as shown.

   Take out three darts ⅜ inch, as diagram shows, making the dart in front a trifle shorter than the other.

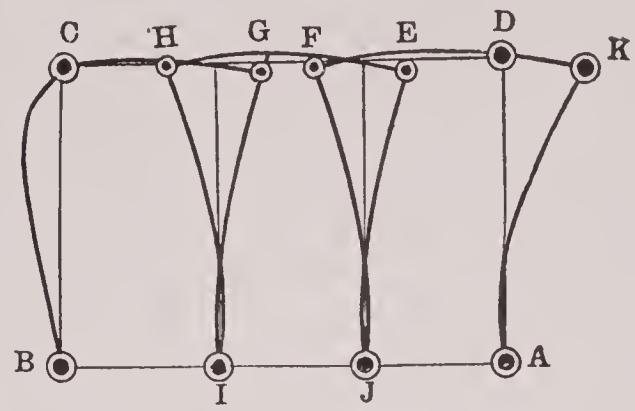


DIAGRAM 58.

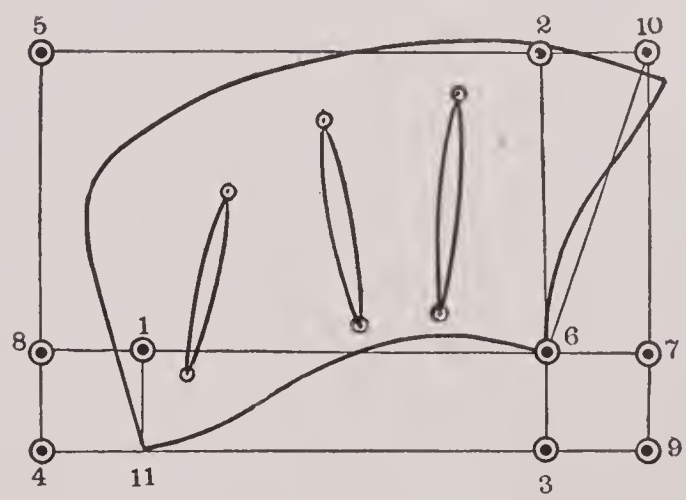


DIAGRAM 59.

TURN DOWN COLLAR

(Neck measure 16½ inches.)

Diagram 60.

INSTRUCTIONS.

1. Draw line 1—W, 8 inches. W to V is 1½ inches; 1 to Z is 2½ inches, height of collar. From V to U is 2½ inches.
2. From U go in ⅜ inch. Connect V with 1 and U with Z and shape as shown in diagram.
3. Take center line U—Z and measure from Y to X ¾ inch and connect with curve line Z—X—U.

Measure from Z to S 3 inches; S—R is 1¼ inches.

Shape collar as shown in diagram.

STANDING COALAR

(Neck measure 16½ inches.)

Diagram 61.

INSTRUCTIONS.

1. Draw line 19—24 16 inches, and divide into half for point 23 and square point up. 21 to 23 is 4 inches and square to points 17—15.
2. 21 to 22 is 1½ inches; 24 to 16 is 1½ inches; 19 to 18 is 1½ inches; 17 to 20 is ¾ inch; 25 to 15 is ¾ inch.

Now connect points as shown in diagram.

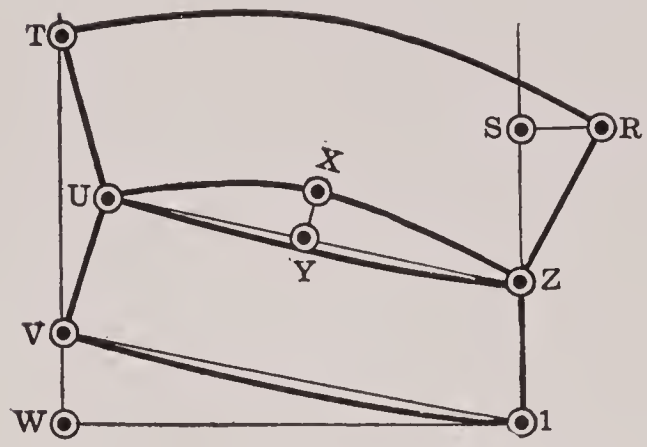


Diagram 60.

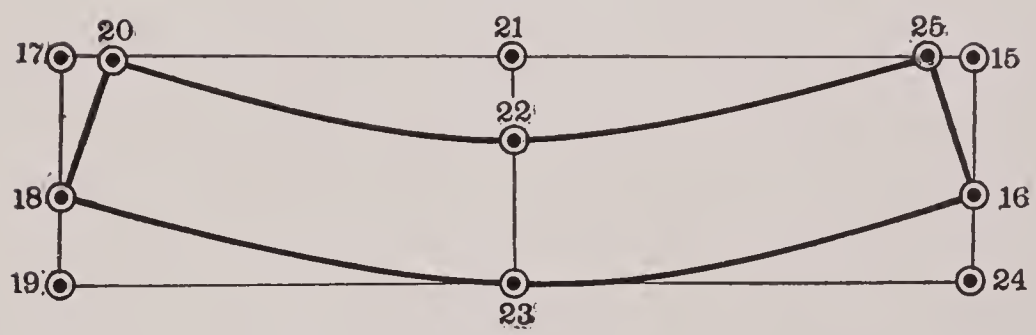


Diagram 61.

GENTLEMAN'S FUR-LINED OVERCOAT

DIAGRAM 62.

MEASURES.

Breast,	42 inches	Seat,	43 inches
Waist,	34 inches	Depth of Scye,	$10\frac{1}{2}$ inches

This diagram is intended for a 38 inch breast and allowance has been made for fur and between lining on above measures.

INSTRUCTIONS.

NO SEAMS ALLOWED ON THIS DRAFT.

1. Draw line A—B. A to C is $\frac{1}{4}$ of breast measure, $10\frac{1}{2}$ inches. A to F is 18 inches, waist point. A to E is $23\frac{1}{2}$ inches, hip point. A to B is full length, 48 inches or any desired length. Square A—C—F—E and B on line A—B.
2. C to D is 21 inches, $\frac{1}{2}$ of breast measure. Point 20 is $\frac{1}{4}$ of breast measure, $5\frac{1}{4}$ inches. 20 to G is $\frac{3}{4}$ inch; 20 to H is $\frac{1}{8}$ of breast measure or $2\frac{5}{8}$ inches. To find point L, divide H and C into half and make point. L to I is $1\frac{1}{2}$ inches across back measure. Line K—M is $\frac{3}{4}$ inch below breast line. Square points D and H up and down, I and G up on line C—D.
3. Point D is half way between point C—A and draw guide line to X, which point is where lines A and G meet. A to N is $\frac{1}{8}$ of breast measure plus $\frac{3}{4}$ inch, or $3\frac{1}{2}$ inches. N to O is $\frac{5}{8}$ inch. I to R is $\frac{1}{4}$ of breast measure plus $1\frac{1}{2}$ inches. R to S is $\frac{3}{4}$ inch.

   Draft neck back A—O and shoulder back O—S and shape armscye from S touching line I and down to line K—M through H to 2. 2 is $\frac{1}{2}$ inch below line D—X. X to 2 is the same as back shoulder O—S.

   X to 1 is $\frac{1}{8}$ of breast measure plus 1 inch, $3\frac{3}{4}$ inches, which line gives us neck curve front.
4. J from I is $1\frac{1}{4}$ inches and straight down to full length of coat. 4 to 5 is $3\frac{1}{2}$ inches for fullness of coat, and varies according to custom. Draw straight line down from J through 5 to T and make that line measure the same as J to Q. Add for double breasted 3 inches to line D—U and draw line straight up and down.

   Breast pocket is vertical and placed about $1\frac{1}{2}$ inches below breast line, and is 6 inches long. Hip pocket is 13 inches below breast line and can be shaped as desired, and is about 7 inches wide.

   To obtain sweep at bottom go down from V to W 1 inch and connect T with W, slightly curving bottom.
5. COLLAR: From 1 inch of deepest point of neck 23, draw line up and down to first button 26. Go in at X $\frac{3}{4}$ inch, continue neck curve up to 21. 21 is same distance to X as neck back A—O. Lay square on line 23—26 and mark from point 21, points 24 and 25. From 25 draft under collar, and from 19 shape shawl as shown. Break line 24—26 by turning paper under, and trace shawl out to front of jacket, giving the shape as shown.

   Now place a separate piece of paper under collar; trace out according to diagram.

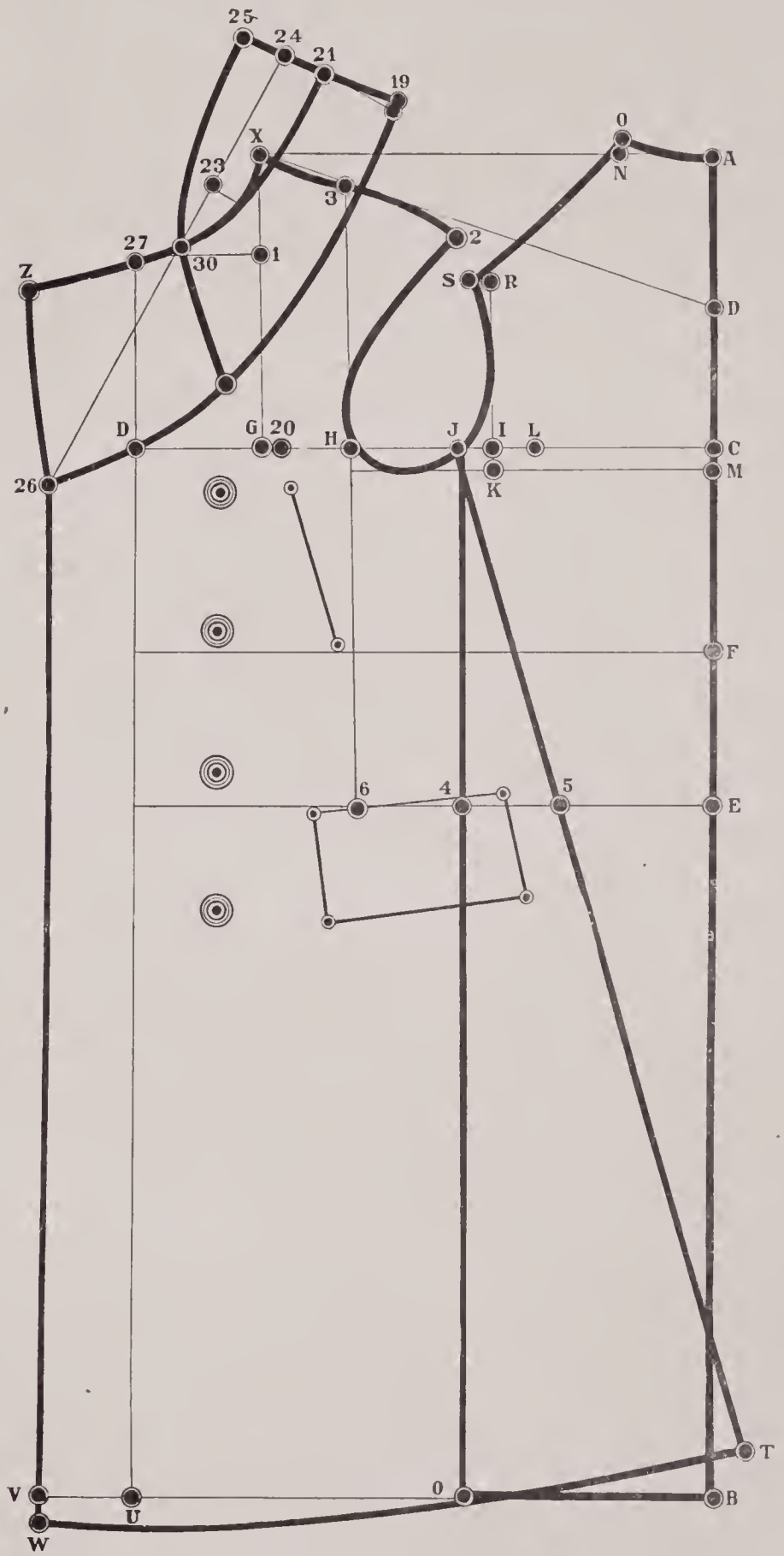


DIAGRAM 62.

GENTLEMEN'S COAT SLEEVE

DIAGRAM 63.

MEASURES.

Breast,	42 inches	Inside Arm Length,	19 inches

INSTRUCTIONS.

1. Draw line S—H.

From S to Q is $\frac{1}{8}$ of breast measure, less $\frac{1}{2}$ inch, or $4\frac{3}{4}$ inches.

Q to H is inside measure 19 inches.

T is $9\frac{1}{2}$ inches from Q; square points S—Q—T—H across on line S—H.

S to I is $\frac{1}{4}$ of breast measure or $10\frac{1}{2}$ inches.

Square point I down on line S—I. H is $\frac{1}{2}$ of S—I or $5\frac{1}{4}$ inches.

N is $\frac{1}{2}$ of H—I, or $2\frac{3}{4}$ inches.

Q to G is $2\frac{3}{4}$ inches; connect G with N.

H to O is $1\frac{1}{2}$ inches.

T to R is $\frac{1}{2}$ inch.

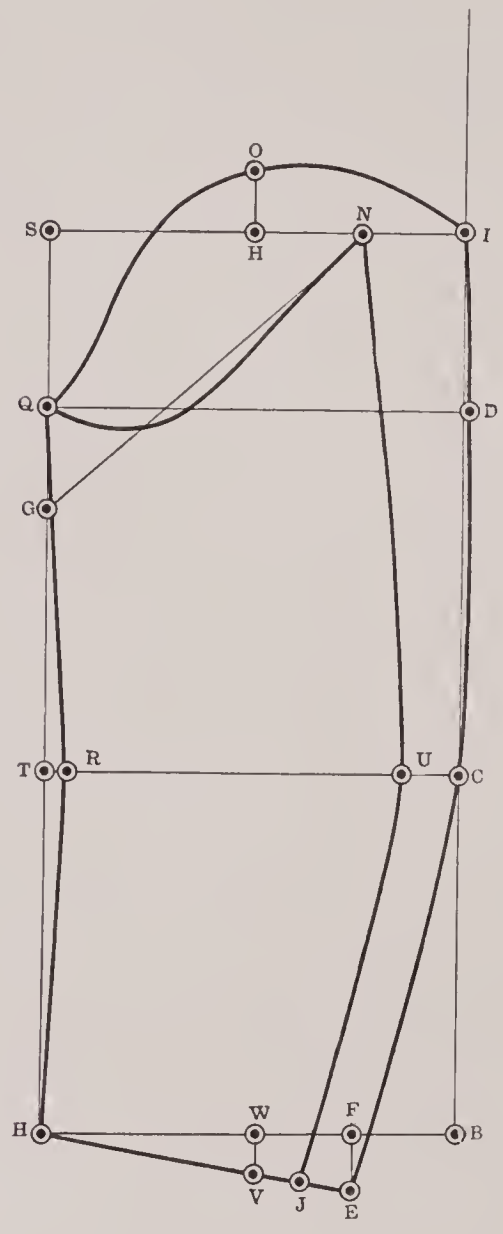
C to U is $1\frac{1}{2}$ inches.

W is half way between H and B and 1 inch down to V.

Connect H with E through V.

F is half way between K and B, finding point E.

Now draft sleeve through just given points as diagram shows.



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